

液位传感器 *Level sensors*



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EUROSWITCH
excellence in sensors

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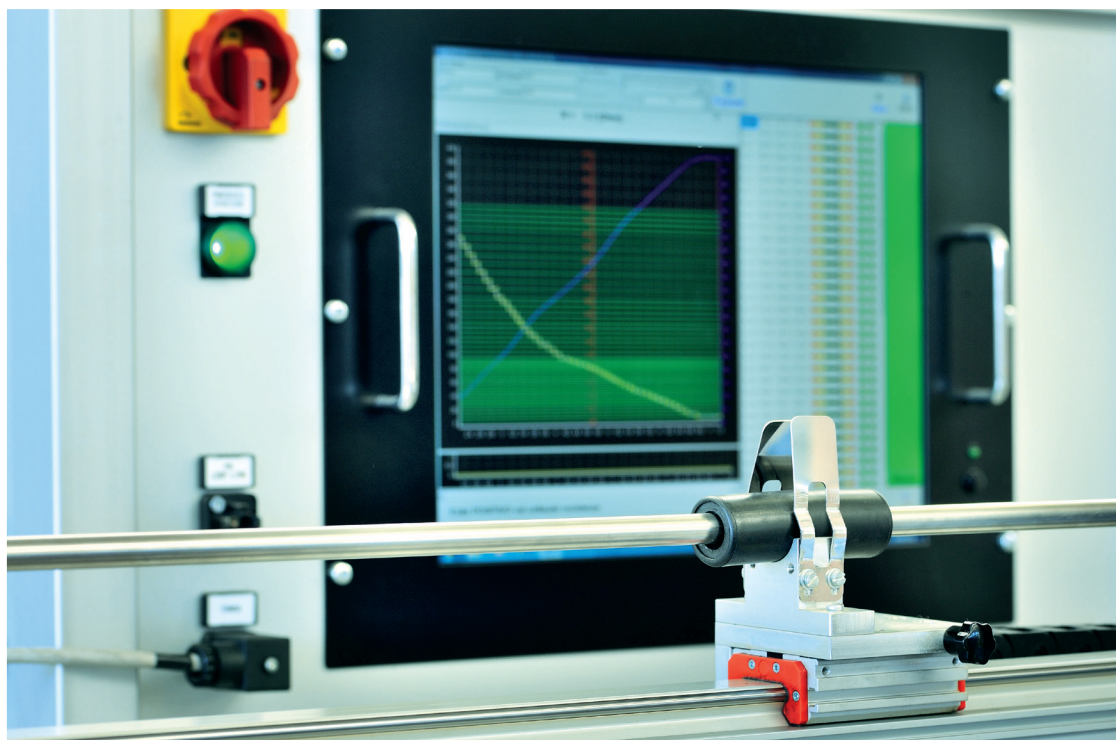
incoming
quality





生产 概述

production overview



认证 Certifications

DNV GL

MANAGEMENT SYSTEM CERTIFICATE

Certificate no.: 10000383048-MSC-ACCREDIA-ITA Initial certification date: 23 September 1997 Valid: 15 December 2020 - 14 December 2023

This is to certify that the management system of
EUROSWITCH S.r.l.
 Via Provinciale 15 - 25057 Sale Marasino (BS) - Italy
 and the sites as mentioned in the appendix accompanying this certificate
 has been found to conform to the Quality Management System standard:
ISO 9001:2015

This certificate is valid for the following scope:
Design and manufacture of electronic and electromechanical level, pressure, temperature, flow, speed and rotation sensors, including the processes of potting, assembling, welding and testing of electronic and electromechanical components (IAF: 19)

Place and date: Vimercate (MB), 07 January 2021



Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.
 ACCREDITED UNIT: DNV GL Business Assurance Italia S.r.l., Via Energy Park, 14 - 20871 Vimercate (MB) - Italy - TEL: +39 03 99 905. www.dnvgl.it



For the issuing office:
 DNV GL - Business Assurance
 Via Energy Park, 14 - 20871 Vimercate (MB) - Italy

Zeno Bellami
 Management Representative

DNV GL

MANAGEMENT SYSTEM CERTIFICATE

Certificate no.: 10000383067-MSC-ACCREDIA-ITA Initial certification date: 21 December 2005 Valid: 15 December 2020 - 14 December 2023
 (by different Certification Body)

This is to certify that the management system of
EUROSWITCH S.r.l.
 Via Provinciale 15 - 25057 Sale Marasino (BS) - Italy
 and the sites as mentioned in the appendix accompanying this certificate
 has been found to conform to the Environmental Management System standard:
ISO 14001:2015

This certificate is valid for the following scope:
Design and manufacture of electronic and electromechanical level, pressure, temperature, flow, speed and rotation sensors, including the processes of potting, assembling, welding and testing of electronic and electromechanical components (IAF 19)
Evaluated according to the requirements of Technical Regulations RT-09

Place and date: Vimercate (MB), 29 December 2020



Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.
 ACCREDITED UNIT: DNV GL Business Assurance Italia S.r.l., Via Energy Park, 14 - 20871 Vimercate (MB) - Italy - TEL: +39 03 99 905. www.dnvgl.it



For the issuing office:
 DNV GL - Business Assurance
 Via Energy Park, 14 - 20871 Vimercate (MB) - Italy

Zeno Bellami
 Management Representative

质量管理体系认证UNI EN ISO 9001-2015 (ISO 9001-2015)
 Quality Management System UNI EN ISO 9001-2015 (ISO 9001-2015)

质量管理体系认证UNI EN ISO 14001 - 2015 (ISO 14001-2015)
 Quality Management System UNI EN ISO 14001-2015 (ISO 14001-2015)



Product Testing
 Eurofins Product Testing Italy S.r.l. - Via Cuorgnè, 21 - 10156 Turin - ITALY
 Notified Body n. 0477



[1] SUPPLEMENT N.2 EC TYPE EXAMINATION CERTIFICATE

[2] Equipment intended for use in potentially explosive atmospheres Directive 94/9/EC

[3] Number of EC Type Examination Certificate:
EUM1 12 ATEX 0797 X

[4] Equipment:
Level sensors
 Families: ***IMx; *P3x**
 Models: **IMP; IMS; IMG; IME; IMD; IML; IMF; P30; P31; P32; P300; P310; PG30**

[5] Manufacturer:
EUROSWITCH S.r.l.

[6] Address:
Via Provinciale, 15 - 25057 Sale Marasino (BS)

[7] No changes

[8] Eurofins Product Testing Italy S.r.l., Notified Body n. 0477 in accordance with Article 9 of the Council Directive 94/9/CE of 23th March 1994, certifies that this equipment have been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II of the Directive.
 The examination and test results are recorded in the confidential report nEPT.15.REL.02/53832

[9] Compliance with the Essential Health and Safety Requirements is assured by compliance with harmonized technical standards:
EN 60079-0:2012, EN 60079-11:2012.

[10] No changes

[11] No changes

[12] The equipment shall include the following string:
 II 1G Ex ia IIC TX family *IMx except model IML, family *P3x
 II 1D Ex ia IIIC TX*
 II 1/2G Ex ia IIC TX model IML
 II 1/2D Ex ia IIIC TX*
Turin, 09 November 2015



Dionisio Buccheri
 Dionisio Buccheri
 Directive Responsible



Paolo Trisoglio
 Paolo Trisoglio
 Managing Director



REG N° 1188 LAB N° 0083
 SEP N° 0306 LAT N° 063
 Member of the network of Accredited Laboratories (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, AT, AU, AV, AW, AX, AY, AZ, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BU, BV, BW, BX, BY, BZ, CA, CB, CC, CD, CE, CF, CG, CH, CI, CJ, CK, CL, CM, CN, CO, CP, CQ, CR, CS, CT, CU, CV, CW, CX, CY, CZ, DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ, ER, ES, ET, EU, EV, EW, EX, EY, EZ, FA, FB, FC, FD, FE, FF, FG, FH, FI, FJ, FK, FL, FM, FN, FO, FP, FQ, FR, FS, FT, FU, FV, FW, FX, FY, FZ, GA, GB, GC, GD, GE, GF, GG, GH, GI, GJ, GK, GL, GM, GN, GO, GP, GQ, GR, GS, GT, GU, GV, GW, GX, GY, GZ, HA, HB, HC, HD, HE, HF, HG, HH, HI, HJ, HK, HL, HM, HN, HO, HP, HQ, HR, HS, HT, HU, HV, HW, HX, HY, HZ, IA, IB, IC, ID, IE, IF, IG, IH, II, IJ, IK, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IU, IV, IW, IX, IY, IZ, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, KZ, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MM, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, MZ, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NO, NP, NQ, NR, NS, NT, NU, NV, NW, NX, NY, NZ, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT, OU, OV, OW, OX, OY, OZ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, PS, PT, PU, PV, PW, PX, PY, PZ, QA, QB, QC, QD, QE, QF, QG, QH, QI, QJ, QK, QL, QM, QN, QO, QP, QQ, QR, QS, QT, QU, QV, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RI, RJ, RK, RL, RM, RN, RO, RP, RQ, RR, RS, RT, RU, RV, RW, RX, RY, RZ, SA, SB, SC, SD, SE, SF, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, SS, ST, SU, SV, SW, SX, SY, SZ, TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP, TQ, TR, TS, TT, TU, TV, TW, TX, TY, TZ, UA, UB, UC, UD, UE, UF, UG, UH, UI, UJ, UK, UL, UM, UN, UO, UP, UQ, UR, US, UT, UU, UV, UW, UX, UY, UZ, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VO, VP, VQ, VR, VS, VT, VU, VW, VX, VY, VZ, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WU, WV, WW, WX, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YY, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ

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ATEX 认证
 ATEX Certification



简介 *Introduction*

简介

我们设计和制造的液位传感器具备开/关、SPDT和连续性信号。如需进一步了解，请参阅本产品目录中的“工作原理”部分。如果您有任何疑问，或想了解更多有关我们产品的信息，请联系我们的销售人员或工程部。

电力负载

各传感器系列的规格中均列出了触点的电气特性。请参考电阻负载，了解最大可导向电荷。借助非电阻负载，就可以用适当的保护电路，合理地保护触点（见第11-12页）。对于电压最大为48V的产品，必须用SELV系统进行管理。

冲击与振动

如果受到冲击或过度振动，传感器触点可能会损坏。

电磁干扰

由于电磁模型中的触点是由磁力控制的，传感器不得安装在强磁场附近区域，例如，电动机或荧光灯等，或距铁磁墙50毫米的范围内。

CE 标志

这些产品的设计符合欧盟现行的指令和标准，并根据以下分类，贴有CE标志：

A) 在50至1000V之间的交流电和75至1500V之间的直流电压下运行的产品。

符合以下指令：

-2014/35/UE LVD -（低压指令）并符合EN 60730-1标准及其相关的第2部分。

-2014/30/UE（EMC-电磁兼容性指令），符合EN 60730-1标准及其相关的第2部分。

B) 在50V交流电和75 V 直流电电压下运行的产品。

符合以下指令：

-2014/30/UE（EMC-电磁兼容性指令），并符合EN 60730-1标准及其相关的第2部分。

在我们公司总部可以看到上述指令规定的合格声明。

由于Euroswitch产品被归类为非安全组件，所以2006/42/EC《机械指令》不适用。

我们的产品不受制于PED 2014/68/EU《压力设备指令》，因为它们是根据第4条，第3段规定设计的简单组件。

ATEX 2014/34/UE指令也涵盖了在可能爆炸区域安装的版本。

我们的产品符合RoHS规定：有害物质限制规定（RoHS II 2011/65 /UE）

Introduction

We design and manufacture level gauges with an on/off signal, SPDT and a continuous signal. For further details, refer to the section entitled *Operating Principles* in this catalogue.

If you have any queries or wish to know more about our products, please contact our Sales or Engineering Department.

Electrical load

The electrical features of the contacts are shown in the specifications for each series of sensors. The maximum pilotable loads refer to resistive loads. With non-resistive loads, it is advisable to protect the contact with appropriate safety circuits (see pages 13-14).

For products with max 48V power must be managed thanks to a SELV system.

Shock and vibration

The contact of the sensor may get damaged if subjected to shock or excessive vibration.

Electromagnetic interference

In electromagnetic models, since the contact is operated by a magnetic force, the sensor must not be installed near strong magnetic fields, e.g. an electric motor or fluorescent light, or less than 50 mm from ferromagnetic walls.

CE Marking

All our products are designed in compliance with current European Union Directives and Standards and bear the CE mark, according to the following classification:

a) Products operating at 50V to 1000V AC and 75V to 1500V DC

Comply with :

- directive 2014/35/EU (LVD – Low Voltage Directive) and in compliance with EN 60730-1 and the relevant part 2.

- directive 2014/30/EU (EMC – Electromagnetic Compatibility Directive) and meet the requirements of EN 60730-1 and the relevant part 2.

b) Products operating at 50V AC and 75V DC comply with:

- directive 2014/30/EU (EMC - Electromagnetic Compatibility Directive) and meet the requirements of EN 60730-1 and the relevant part 2.

The Declaration of Conformity prescribed by the aforementioned directives are available at our headquarters.

Machine Directive 2006/42/EC is not applicable as Euroswitch products are classified as non-safety-related products.

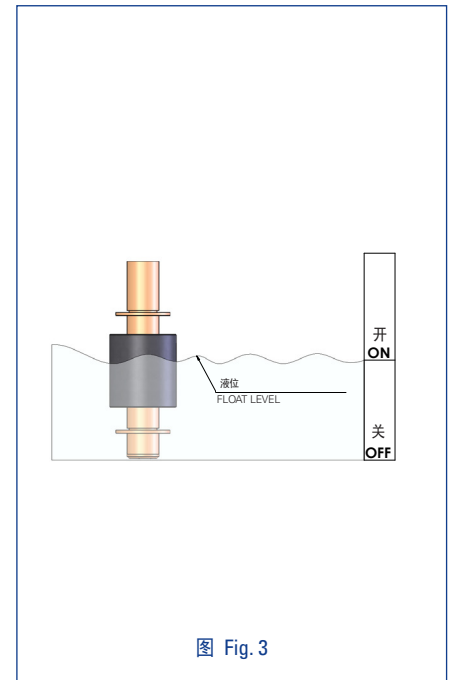
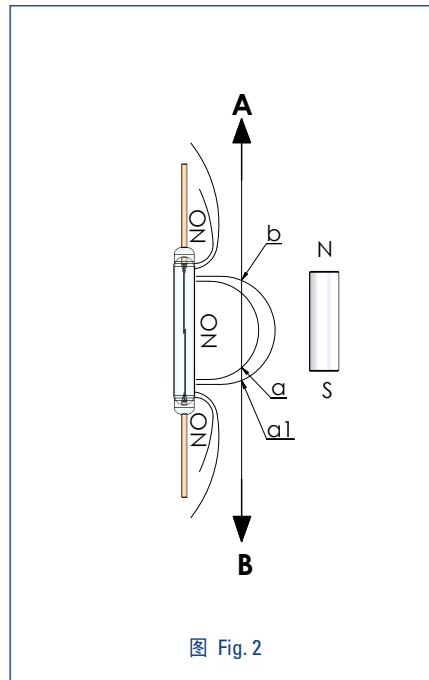
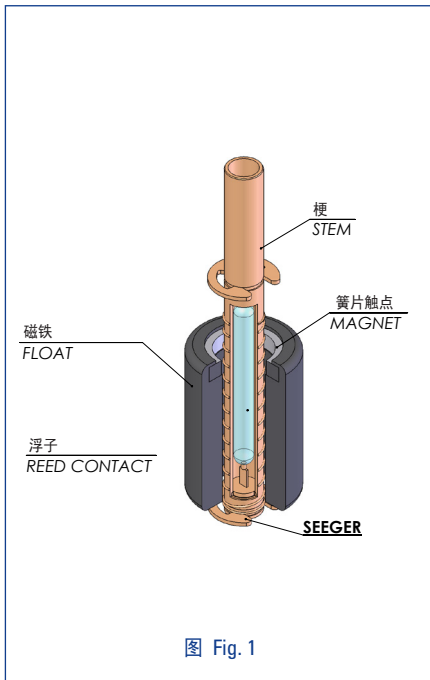
Our products are not subject to directive 2014/68/UE (PED – Pressure Equipment Directive) as they are simple component parts designed in accordance with art. 4, paragraph 3.

The versions intended for use in potentially explosive areas are also covered by the ATEX Directive 2014/34/EU.

Our products are RoHS compliant: Restriction of Hazardous Substances (RoHS II 2011/65/EU).

电磁液位传感器的工作原理

Operating principles of Electromagnetic level sensors



电磁液位传感器利用浮球中的磁力改变簧片开关的电气状态。图1所示为一个垂直运行的电磁液位传感器组件。

图2和图3所示为一个带常开触点的指示器。当液位升高时，浮球从B移向A。一旦浮球中的磁铁到达A点，触点立即关闭。浮球的运动通常受到一个机械制动器的限制。如果磁铁经过B点时没有停止，触点会返回其原始位置。

当液位下降时，浮球从A移向B，一旦磁铁到达A1点，触点立即打开。

A点和A1点之间产生的差值称为触点的液位差或迟滞。此差值通常非常小，但如有必要，可以利用特殊触点使其增大。通过倒置浮球使触点从常开状态（NO）切换到常闭状态（NC）或从常闭状态（NC）切换到常开状态（NO）。

Electromagnetic level gauges use the force of a magnet in the float to change the electrical status of a reed switch.

Figure 1 shows the components of an electromagnetic level gauge that operates vertically.

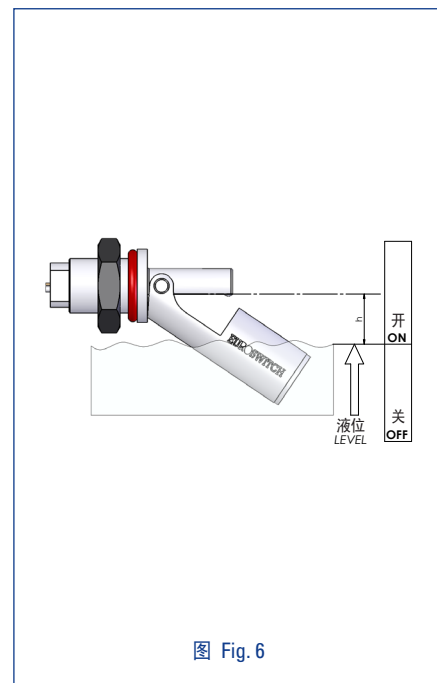
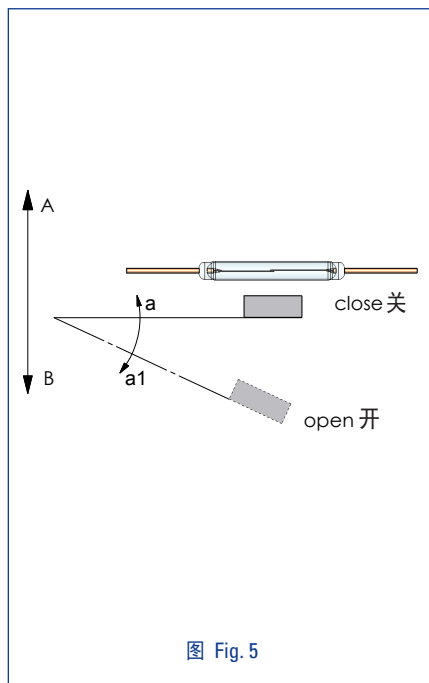
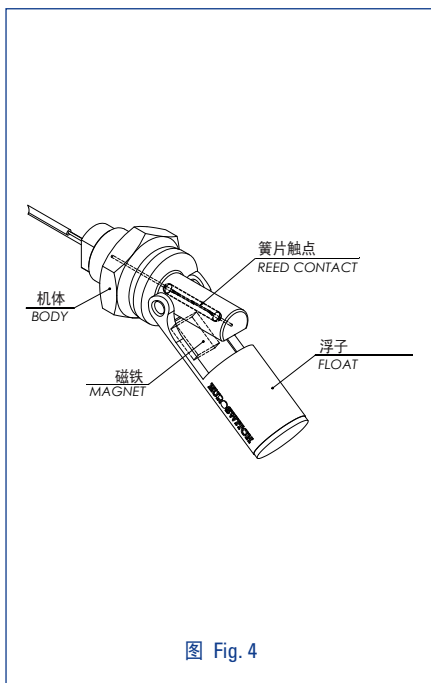
Figures 2 and 3 show an indicator with a normally-open contact. When the level of fluid increases, the float moves from B towards A. As soon as the magnet in the float reaches point A, the contact closes. The movement of the float is normally limited by a mechanical stop. If there is no stop, the contact returns to its original position when the magnet passes point B.

When the level of fluid drops, the float moves from A towards B, and as soon as the magnet reaches point A1 the contact opens.

The difference between points A and A1 is called the differential, or hysteresis, of the contact. This differential is normally very small, but it can be increased if necessary using special contacts. To switch a contact from NO to NC or vice versa, it is usually enough to invert the float.

电磁液位传感器的工作原理

Operating principles of Electromagnetic level sensors



带有摆动浮球的电磁液位传感器利用浮球中的磁力改变簧片开关的开闭状态。

图4所示为带有可水平方向操作的摆动浮球的电磁液位传感器组件。

图5和图6所示为一个常开触点。当液位升高时，浮球从B移向A。一旦浮球中的磁铁到达A点，触点立即关闭。当液位下降时，浮球从A移向B，一旦磁铁到达A1点，触点立即打开。

A点和A1点之间的差值称为触点的液位差或迟滞。如要将传感器旋转180°，只需将一个触点从常开状态（NO）切换到常闭状态（NC）或从常闭状态（NC）切换到常开状态（NO）。

Electromagnetic level gauges with a rocking float use the force of a magnet in the float to change the electrical status of a reed switch.

Figure 4 shows the components of an electromagnetic level gauge with a rocking float that operates horizontally.

Figures 5 and 6 show a normally-open contact. When the level of fluid increases, the float moves from B towards A. As soon as the magnet in the float reaches point A, the contact closes. When the level of fluid drops, the float moves from A towards B, and as soon as the magnet reaches point a1 the contact opens.

The difference between points a and a1 is called the differential, or hysteresis, of the contact. To switch a contact from NO to NC or vice versa, merely rotate the sensor 180°.

簧片触点的保护电路

Reed contacts protection circuits

Euroswitch电磁液位传感器的设计适用于多种负载条件，并具有不同的吸合选项。
然而，为了维持电磁触点的寿命和可靠性，必须利用适当的保护电路保护其在特定负载下不发生过压或过流。
下图所示为常用的触点保护连接及有关计算公式。

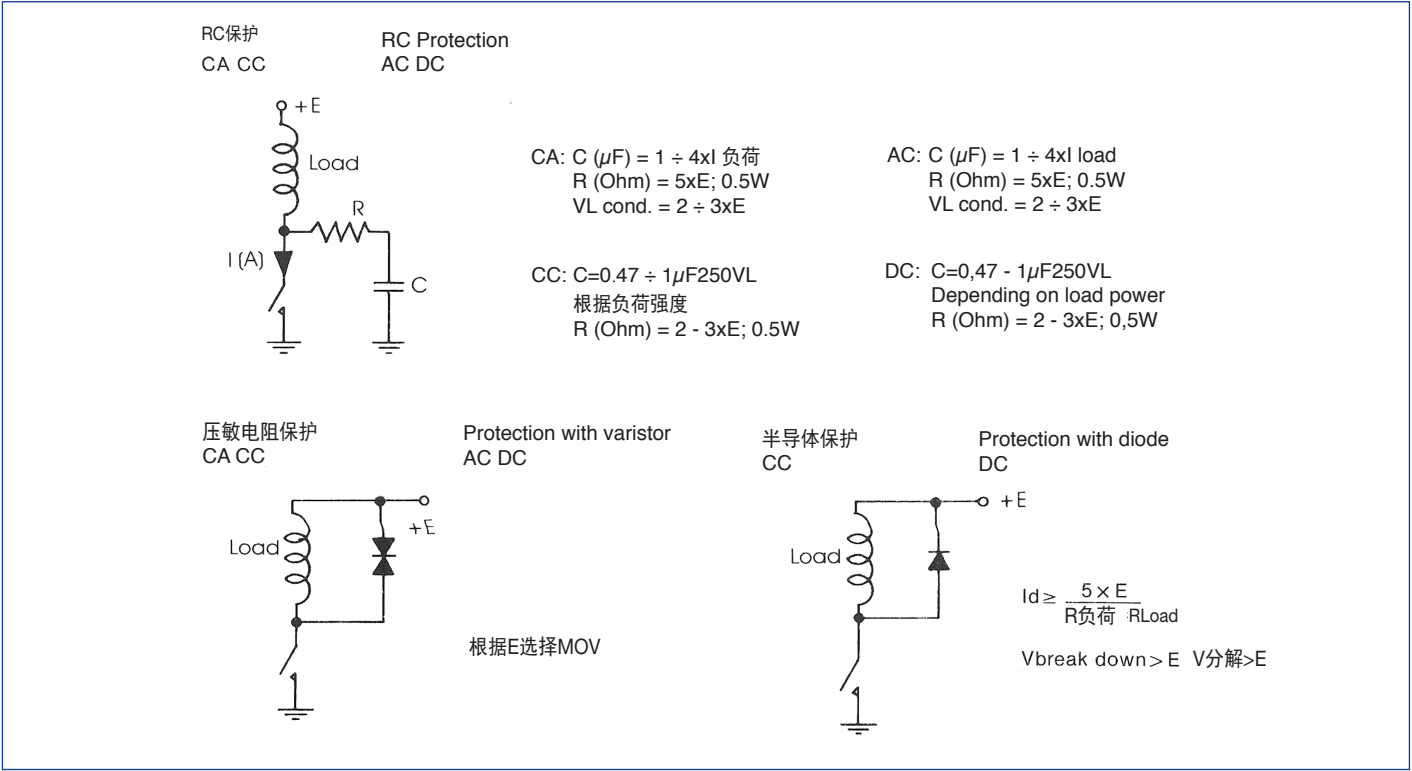
Euroswitch magnetic sensors have been designed for use in multiple load conditions and with different actuation options. However, in order to maintain the life and reliability features, the magnetic contact must be protected against excessive voltage or current in the presence of specific loads, using appropriate protection circuits. The diagrams below show the connections of the contact protections normally used and the relevant calculation formulae.

电感负载

有了电感负载，就会出现有可能损坏簧片触点的反向过压。可以利用不同的保护电路避免这些问题。

Inductive load

With inductive load, there may be reverse over-voltage that may deteriorate the reed contact. Different protection circuits can be used to avoid these problems.

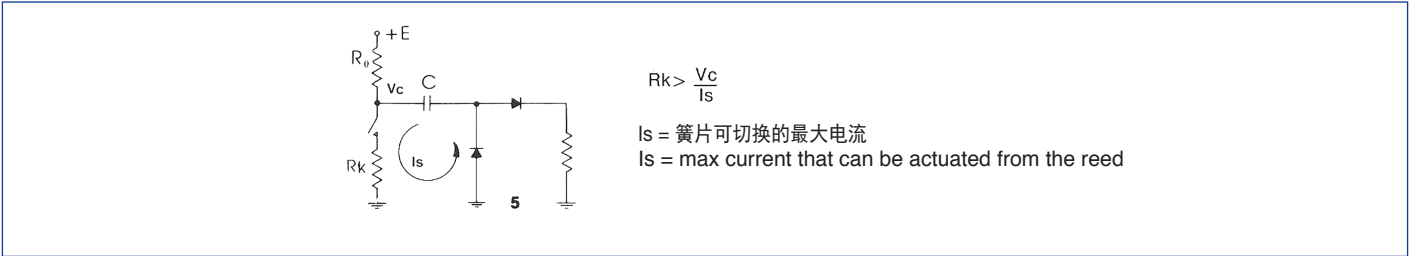


电容性负载

若平行金属板串联一个电容器，当环路中的簧片吸合时，开关过程中，电容器的充电和放电电流有可能损坏簧片触点。
必需用适当规格的电阻限制此电流。

Capacitive load

In the case of a capacitor with in-series on parallel metal plate, when the reed is actuated in a loop circuit, the charging and discharging currents of the capacitors may deteriorate the reed contact during switching. Correctly dimensioned resistances are required to limit these currents.



簧片触点的保护电路

Reed contacts protection circuits

交流和直流白炽灯

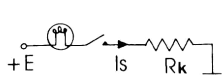
如果簧片用于开关白炽灯，则遇到的问题与电容性负载相同，都是由于存在过大的吸合电流而造成的。

因此，有必要使用触点串联限流电阻。

AC and DC incandescent lamps

If the reed is used to actuate incandescent lamps, the problems encountered are the same as for a capacitive load due to the presence of excessive pickup currents.

An in-series limit resistance to contact is thus required.



$$R_k > \frac{E}{I_s}$$

I_s = 簧片可切换的最大电流

I_s = max current that can be actuated from the reed

电容缆线

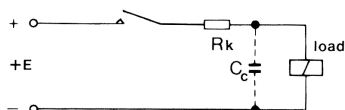
当簧片通过长缆线来远程吸合负载时，缆线电容会充当一个电容性负载，此负载在开关过程中可造成过流。

必需使用限流电阻降低此电流。

Capacitive cable

When the reed is used to actuate loads remotely with very long cables, the cable capacitance acts as a capacitive load causing excessive currents during switching.

Limit resistances are required to reduce these currents.



$$R_k \approx 2 \times E \text{ (Ohm)}$$

C_c = 电缆负荷能力

C_c = cable loading capacity

注 NB：长度在10米以内的缆线的影响微不足道。

the effects due to cables of less than 10 meters are insignificant

集成诊断电路

Integrated diagnostic circuits

在所有应用领域（农业机械、挖掘机、商用车、油压动力系统、过滤系统等）中要求的安全标准越来越高，因此对液位传感器等组件的要求也随之增高。机器或系统的电子设备必须能够识别出连接器是否有缺陷或损坏，短路和连接电缆是否中断。通过在交换机中安装电阻器来获得这种诊断能力，这些电阻器是集成的，从而使交换机保持符合要求的IP等级，并且不需要额外的空间来进行附加的诊断。

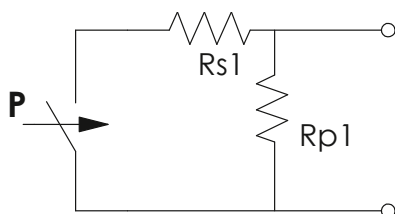
有用于带有集成或有线连接器的版本可以选择。

The ever-increasing safety standards required in all application sectors (agricultural machinery, excavators, commercial vehicles, hydraulics, filtration, etc.) have consequently increased the requirements also for components, such as level sensors. Faulty or damaged connectors, short circuits and interruptions in the connection cables must be recognizable by the connected on-board electronics. The diagnostic capacity is obtained by installing resistors in the switch. The resistors are integrated, so that the switches remain compliant with the required IP degree and that no additional space is required for the added diagnostic capability.

Option available for versions with integrated or wired connectors.

车载诊断电路

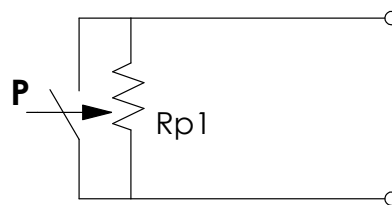
ON BOARD DIAGNOSTIC CIRCUIT



根据要求提供其他附加保护系统

断路检测电路

LINE BREAK DETECTION CIRCUIT



Others possible supplementary functions on request

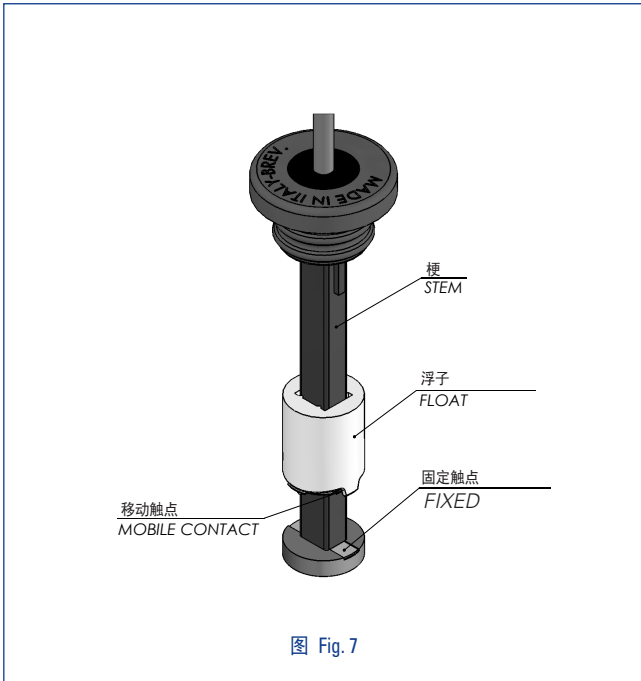


图7所示为电磁液位传感器组件。

机电传感器利用浮球底部的触点短路连杆下端（图8）的固定触点，从而点亮指示灯。

点亮时，可以利用任意电子装置检查备用指示灯几秒钟。正常操作期间，引入一个继电器，以防车辆前进或转动时光线闪烁。

这些价格极其低廉的传感器旨在显示含油或柴油等绝缘流体的小罐中的储液水平。

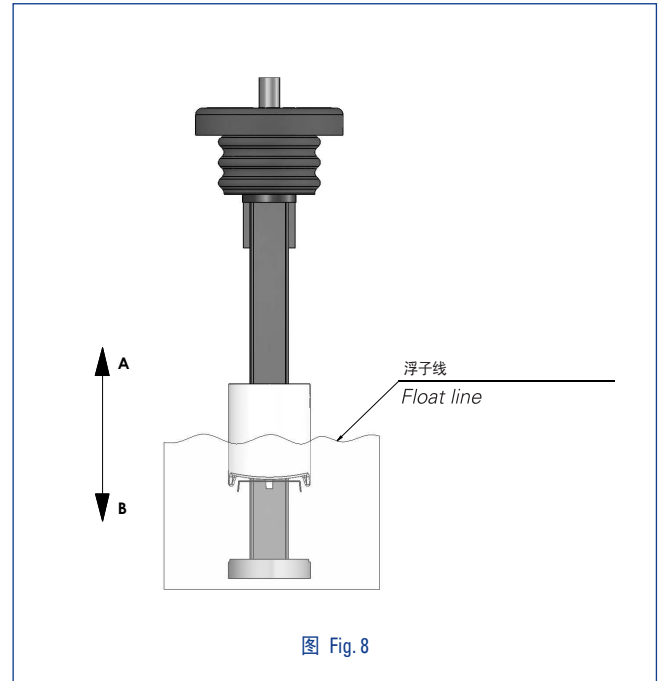


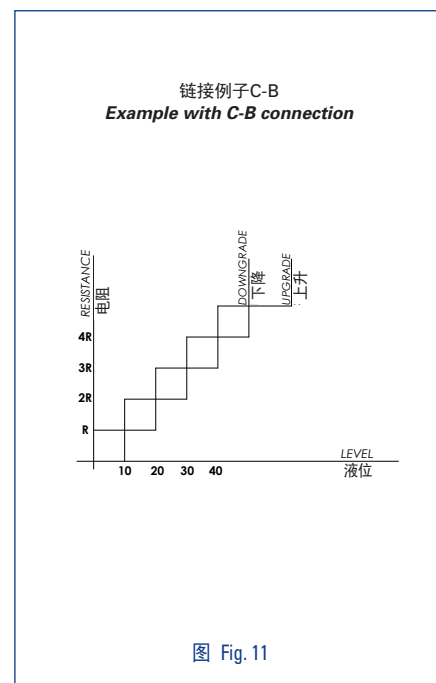
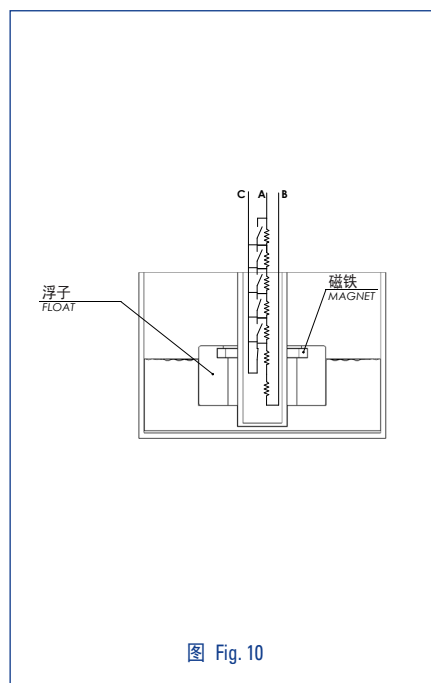
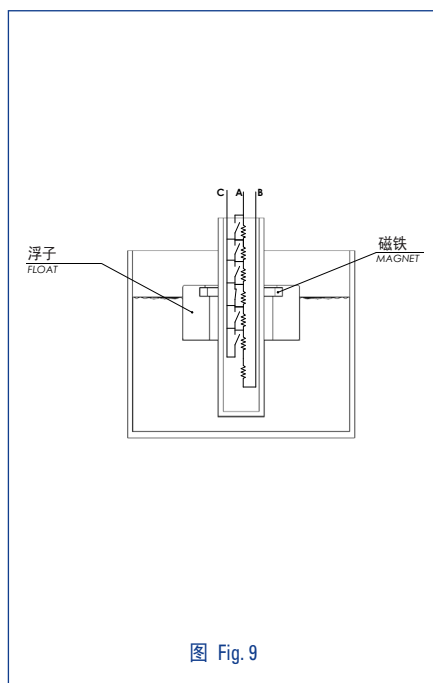
Figure 7 shows the components of an electromechanical level gauge. The electromechanical sensors use the contact at the bottom of the float to shortcircuit the fixed contact on the lower end of the stem (Fig. 8), and this switches on the light.

An optional electronic device can be used to check the reserve indicator for a few seconds during ignition. During normal operation it introduces a delay to prevent the light from flashing when the vehicle pitches or rolls.

These very inexpensive sensors are designed to indicate the reserve level in small tanks containing non-conductive fluids, such as oil or fuel.

电阻式电磁液位传感器的工作原理

Operating principles of Electromagnetic resistive level sensors



电阻式电磁液位传感器提供连续线性输出信号，此信号可以利用适当的仪器显示储罐内的液位。

此液位传感器包含一组簧片开关；其间距（开关之间的距离）为10或20毫米，各簧片开关都与一个电阻器相连。

浮球上的磁铁可以一一关闭连杆内的簧片开关，并连接到电阻器链中的一个已知点（见图9和图10）。

此液位传感器的输出端电阻（ R_{tot} ）可以通过以下公式计算出来

$$R_{tot} = R_p \times P$$

其中 R_p = 单一间距电阻

P = 间距数量

（参见图11）

此 R_{tot} 值可能随着液位的升高而增加（C-A连接）或降低（C-B）。

触点完全绝缘指这些液位传感器也可以用于导电流体。

R_p 值是由我们的工程师根据客户的规格和传感器的长度计算得出的。

Resistive electromagnetic gauges supply a continuous linear output signal which, using a suitable instrument, can indicate the level of liquid inside the tank.

The gauge contains a set of reed switches; the pitch (the distance between switches) is 5, 10 or 20 mm, and each reed switch is connected to a resistor.

The magnet on the float closes the reed switches inside the stem one by one and is connected to a known point of the chain of resistors (see figures 9 and 10).

The gauge's output resistance (R_{tot}) is obtained from the formula

$$R_{tot} = R_p \times P$$

where

R_p = resistance of a single pitch

P = number of pitches

(see figure 11)

The R_{tot} value may increase (link C-A) or decrease (C-B) as the level increases.

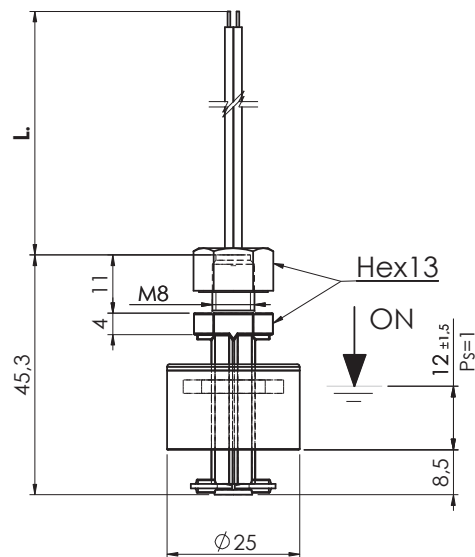
Complete insulation of the contacts means that these gauges can also be used in conductive fluids.

The R_p value is calculated by our engineers on the basis of the customer's specification and the length of the sensor.

连线版本的可选接头

Available connections for wired versions





零件代码 - PART NUMBER

电气连接 Electrical connection		橙色或黑色 ORANGE OR BLACK	关 白色或蓝色 NC WHITE OR BLUE 开 棕色/NO BROWN
L = 500 mm 线/wires	P200AC - 100		P200AC - 500
L = 1 mt 缆线/cable	P200AC - 110		P200AC - 510
L = 2 mt 缆线/cable	P200AC - 120		P200AC - 520
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down		SPDT触电 - SPDT Contact	

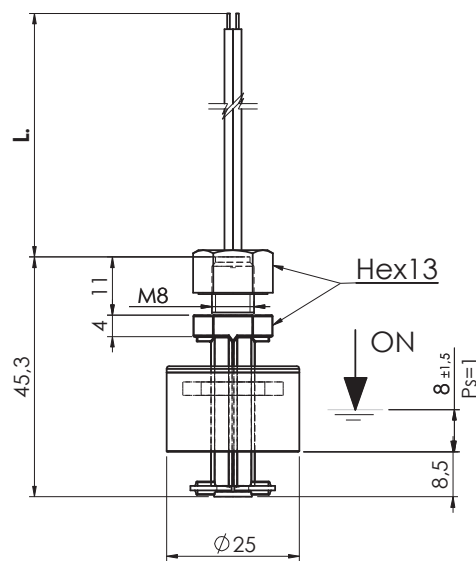
使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。
请联系我们的客服部门，了解定制版本的相关信息（缆线的材质与类型、温度>100°C、电压>50V等）。

When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.
For customized versions (material, type of cable, temperature > 100°C, voltage > 50V, etc.) please contact our Customer Service Department.

使用范围	水、酸液（要求使用食品级液体）
固定	M8 x 1.25
杆	聚丙烯
浮球	聚丙烯
螺帽	尼龙
触点类型	簧片 开/关 (SPDT)
开关最大容量	40 W (3 W SPDT)
开关最大电流	1 A (0.25 A SPDT)
开关最大电压	50 V (250V 可根据要求提供)
液体比重	> 0.75
工作温度	-10°C / +80°C
重量	~ gr 12

Use	Water - Acids (Food-grade liquids on request)
Fixing	M8 x 1.25
Stem	Polypropilene
Float	Polypropilene
Nut	Nylon
Type of contact	Reed N.O./ N.C. (SPDT)
Max switch. capacity	40 W (3 W SPDT)
Max switch. current	1 A (0.25 A SPDT)
Max switch. voltage	50 V (250V on request)
Specific fluid weight	> 0.75
Working temperature	-10°C / +80°C
Weight	~ gr 12

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
企业保留修改产品技术参数或随时停产的权力，恕不另行通知。The Company reserves the right to modify the technical features of the products or halt production at any time without notice.



零件代码 - PART NUMBER

电气连接 Electrical connection		橙色或黑色 ORANGE OR BLACK	关 白色或蓝色 NC WHITE OR BLUE 开 棕色 / NO BROWN
L = 500 mm 线/wires	P200F7 - 100		P200F7 - 500
L = 1 mt 缆线/cable	P200F7 - 110		P200F7 - 510
L = 2 mt 缆线/cable	P200F7 - 120		P200F7 - 520
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down		SPDT触电 - SPDT Contact	

使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。
请联系我们的客服部门，了解定制版本的相关信息（缆线的材质与类型、温度>100℃、电压>50V等）。

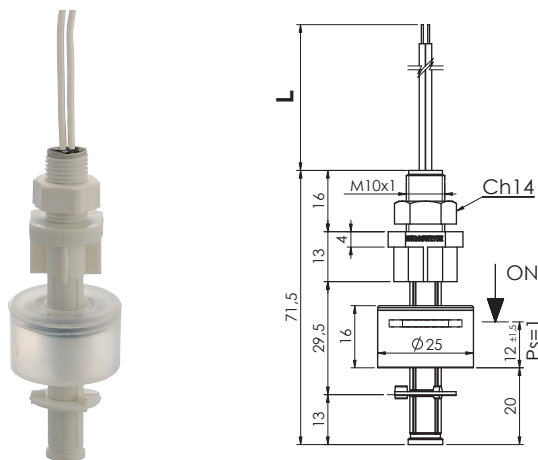
When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals
For customized versions (material, type of cable, temperature > 100°C, voltage > 50V, etc.) please contact our Customer Service Department

使用范围	矿物油 - 柴油 - 汽油
固定	M8 x 1.25
杆	尼龙
浮球	丁腈橡胶
螺帽	尼龙
触点类型	簧片 开/关 (SPDT)
开关最大容量	40 W (3 W SPDT)
开关最大电流	1 A (0.25 A SPDT)
开关最大电压	50 V
液体比重	> 0.7
工作温度	-10°C / +100°C
重量	~ gr 12

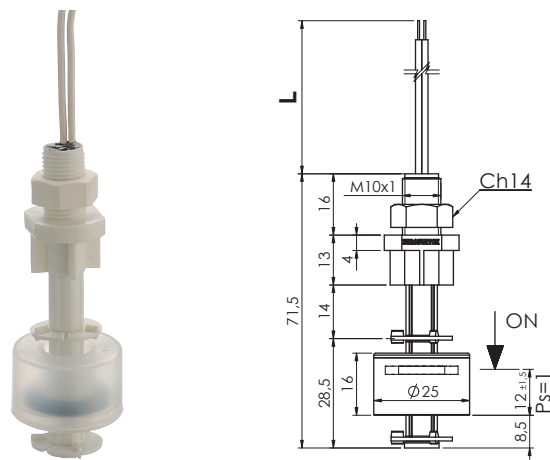
Use	Mineral oils - Diesel fuel - Petrol
Fixing	M8 x 1.25
Stem	Nylon
Float	NBR
Nut	Nylon
Type of contact	Reed N.O./ N.C. (SPDT)
Max switch. capacity	40 W (3 W SPDT)
Max switch. current	1 A (0.25 A SPDT)
Max switch. voltage	50 V
Fluid specific weight	> 0.7
Working temperature	-10°C / +100°C
Weight	~ gr 12

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
企业保留修改产品技术参数或随时停产的权力，恕不另行通知。The Company reserves the right to modify the technical features of the products or halt production at any time without notice.

P003AC-100 - AC-500



P003AC-200 - AC-600



零件代码 - PART NUMBER

电气连接 Electrical connection			橙色或黑色 ORANGE OR BLACK	关 白色或蓝色 NC WHITE OR BLUE 开 棕色 / NO BROWN
L = 500 mm 线/wires	P003AC - 100	P003AC - 200	P003AC - 500	P003AC - 600
L = 1 mt 缆线/cable	P003AC - 110	P003AC - 210	P003AC - 510	P003AC - 610
L = 2 mt 缆线/cable	P003AC - 120	P003AC - 220	P003AC - 520	P003AC - 620
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down			SPDT触电 - SPDT Contact	

使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。
请联系我们的客服部门，了解定制版本的相关信息（缆线的材质与类型、温度>80°C、电压>50V等）

When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.
For Customized version (type of cable, temperature > 80°C, voltage > 50V, etc.) please contact Euroswitch.

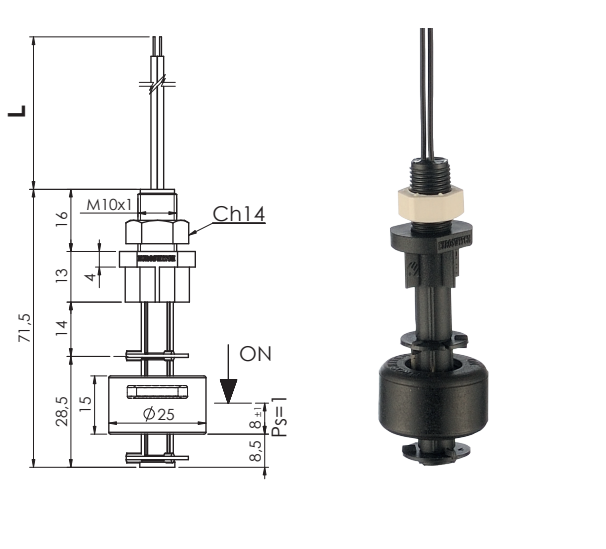
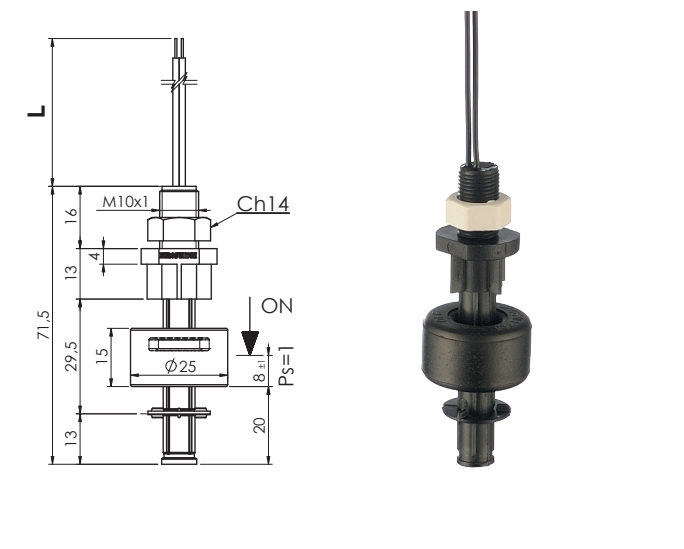
使用范围	水、酸液（要求使用食品级液体）
固定	M10 x 1
杆	聚丙烯
浮球	聚丙烯
螺帽	尼龙
触点类型	簧片 开/关 (SPDT)
开关最大容量	40 W (3 W SPDT)
开关最大电流	1 A (0.25 A SPDT)
开关最大电压	50 V (250V 可根据要求提供)
液体比重	> 0.75
工作温度	-10°C / +80°C
重量	~ gr 16

Use	Water - Acids (Alimentary liquids on request)
Fixing	M10 x 1
Stem	Polypropilene
Float	Polypropilene
Nut	Nylon
Type of contact	Reed N.O./ N.C. (SPDT)
Max switch. capacity	40 W (3 W SPDT)
Max switch. current	1 A (0.25 A SPDT)
Max switch. voltage	50 V (250V on request)
Specific fluid weight	> 0.75
Working temperature	-10°C / +80°C
Weight	~ gr 16

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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P003F7-100 - F7-500

P003F7-200 - F7-600



零件代码 - PART NUMBER

电气连接 Electrical connection			橙色或黑色 ORANGE OR BLACK	关 白色或蓝色 NC WHITE OR BLUE 开 棕色 / NO BROWN
L = 500 mm 线/wires	P003F7 - 100	P003F7 - 200	P003F7 - 500	P003F7 - 600
L = 1 mt 缆线/cable	P003F7 - 110	P003F7 - 210	P003F7 - 510	P003F7 - 610
L = 2 mt 缆线/cable	P003F7 - 120	P003F7 - 220	P003F7 - 520	P003F7 - 620
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down			SPDT触电 - SPDT Contact	

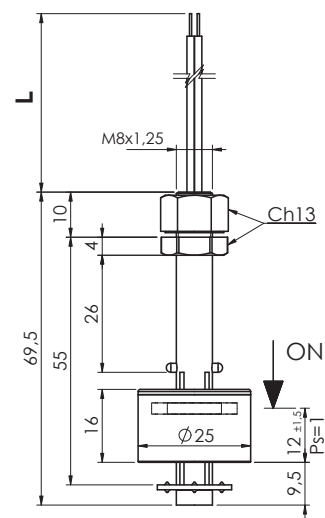
使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。
请联系Euroswitch，了解定制版本的相关信息（缆线的材质与类型、温度>100°C、电压>50V等）。

When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.
For customized versions (type of cable, temperature > 100°C, voltage >50V, etc.) please contact Euroswitch.

使用范围	矿物油 - 柴油 - 汽油
固定	M10 x 1
杆	尼龙
浮球	丁腈橡胶
螺帽	尼龙
触点类型	簧片 开/关 (SPDT)
开关最大容量	40 W (3 W SPDT)
开关最大电流	1 A (0.25 A SPDT)
开关最大电压	50 V
液体比重	> 0.7
工作温度	-10°C / +100°C
重量	~ gr 16

Use	Mineral oils - Diesel fuel - Petrol
Fixing	M10 x 1
Stem	Nylon
Float	NBR
Nut	Nylon
Type of contact	Reed N.O./ N.C. (SPDT)
Max switch. capacity	40 W (3 W SPDT)
Max switch. current	1 A (0.25 A SPDT)
Max switch. voltage	50 V
Fluid specific weight	> 0.7
Working temperature	-10°C / +100°C
Weight	~ gr 16

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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零件代码 - PART NUMBER

电气连接 Electrical connection		橙色或黑色 ORANGE OR BLACK	关 白色或蓝色 NC WHITE OR BLUE 开 棕色 / NO BROWN
L = 500 mm 线/wires	P004AC - 100		P004AC - 500
L = 1 mt 缆线/cable	P004AC - 110		P004AC - 510
L = 2 mt 缆线/cable	P004AC - 120		P004AC - 520
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down		SPDT触电 - SPDT Contact	

使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。
请联系我们的客服部门，了解定制版本的相关信息（缆线的材质与类型、温度>80°C、电压>50V等）

When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.
For Customized version (type of cable, temperature > 80°C, voltage >50V, etc.) please contact Euroswitch.

使用范围	水、酸液（要求使用食品级液体）
固定	M 8
杆	聚丙烯
浮球	聚丙烯
螺帽	尼龙
触点类型	簧片 开/关 (SPDT)
开关最大容量	40 W (3 W SPDT)
开关最大电流	1 A (0.25 A SPDT)
开关最大电压	50 V (250V 可根据要求提供)
液体比重	> 0.75
工作温度	-10°C / +80°C
重量	~ gr 18

Use	Water - Acids (Food-grade liquids on request)
Fixing	M 8
Stem	Polypropilene
Float	Polypropilene
Nut	Nylon
Type of contact	Reed N.O./ N.C. (SPDT)
Max switch. capacity	40 W (3 W SPDT)
Max switch. current	1 A (0.25 A SPDT)
Max switch. voltage	50 V (250V on request)
Specific fluid weight	> 0.75
Working temperature	-10°C / +80°C
Weight	~ gr 18

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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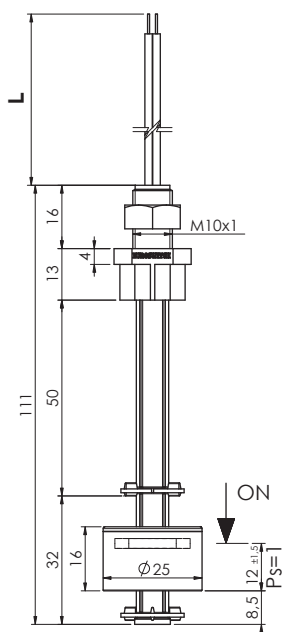


电气连接 <i>Electrical connection</i>		橙色或黑色 ORANGE OR BLACK	关 白色或蓝色 NC WHITE OR BLUE 开 棕色 / NO BROWN
L = 500 mm 线/wires	P004F7 - 100	P004F7 - 500	
L = 1 mt 缆线/cable	P004F7 - 110	P004F7 - 510	
L = 2 mt 缆线/cable	P004F7 - 120	P004F7 - 520	
翻转浮球可切换关/开 <i>The contact can be converted from N.C. to N.O. by rotating the float upside down</i>		SPDT触电 - SPDT Contact	

When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals. For customized versions (type of cable, temperature > 100°C, voltage >50V, etc.) please contact Euroswitch.

Use	Mineral oils - Diesel fuel - Petrol
Fixing	M 8 x 1,25
Stem	Nylon
Float	NBR
Nut	Nylon
Type of contact	Reed N.O./ N.C. (SPDT)
Max switch. capacity	40 W (3 W SPDT)
Max switch. current	1 A (0.25 A SPDT)
Max switch. voltage	50 V
Fluid specific weight	> 0.7
Working temperature	-10°C / +100°C
Weight	~ gr 18

EUROSWITCH
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零件代码 - PART NUMBER

电气连接 <i>Electrical connection</i>		橙色或黑色 ORANGE OR BLACK	关 白色或蓝色 NC WHITE OR BLUE 开 棕色 / NO BROWN
L = 500 mm 线/wires	P005AC - 100	P005AC - 500	
L = 1 mt 缆线/cable	P005AC - 110	P005AC - 510	
L = 2 mt 缆线/cable	P005AC - 120	P005AC - 520	

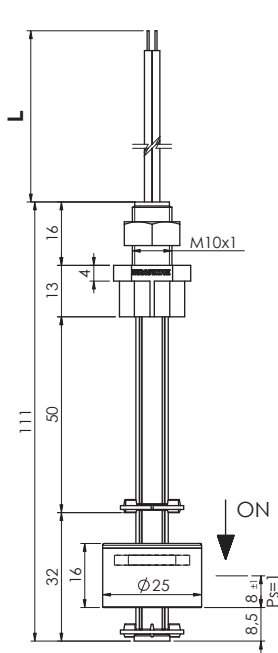
使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。
请联系我们的客服部门，了解定制版本的相关信息（缆线的材质与类型、温度>80℃、电压>50V等）

When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals. For Customized version (type of cable, temperature > 80°C, voltage >50V, etc.) please contact Euroswitch.

使用范围	水、酸液（要求使用食品级液体）
固定	M 10x1
杆	聚丙烯
浮球	聚丙烯
螺帽	尼龙
触点类型	簧片 开/关 (SPDT)
开关最大容量	40 W (3 W SPDT)
开关最大电流	1 A (0.25 A SPDT)
开关最大电压	50 V (250V 可根据要求提供)
液体比重	> 0.75
工作温度	-10°C / +80°C
重量	~ gr 20

Use	Water - Acids (Food-grade liquids on request)
Fixing	M 10x1
Stem	Polypropilene
Float	Polypropilene
Nut	Nylon
Type of contact	Reed N.O./ N.C. (SPDT)
Max switch. capacity	40 W (3 W SPDT)
Max switch. current	1 A (0.25 A SPDT)
Max switch. voltage	50 V (250V on request)
Specific fluid weight	> 0.75
Working temperature	-10°C / +80°C
Weight	~ gr 20

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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零件代码 - PART NUMBER

电气连接 Electrical connection		橙色或黑色 ORANGE OR BLACK	关 白色或蓝色 NC WHITE OR BLUE 开 棕色 / NO BROWN
L = 500 mm 线/wires	P005F7 - 100		P005F7 - 500
L = 1 mt 缆线/cable	P005F7 - 110		P005F7 - 510
L = 2 mt 缆线/cable	P005F7 - 120		P005F7 - 520
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down		SPDT触电 - SPDT Contact	

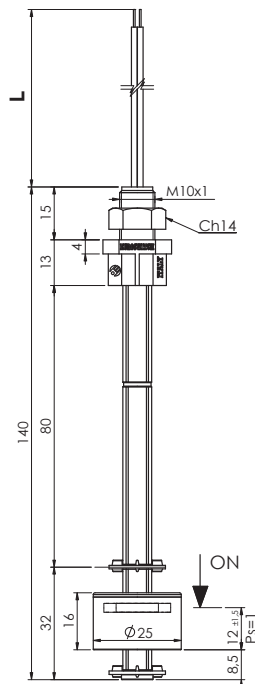
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When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.
For customized versions (type of cable, temperature > 100°C, voltage >50V, etc.) please contact Euroswitch.

使用范围	矿物油 - 柴油 - 汽油
固定	M 10X1
杆	尼龙
浮球	丁腈橡胶
螺帽	尼龙
触点类型	簧片 开/关 (SPDT)
开关最大容量	40 W (3 W SPDT)
开关最大电流	1 A (0.25 A SPDT)
开关最大电压	50 V
液体比重	> 0.7
工作温度	-10°C / +100°C
重量	~ gr 24

Use	Mineral oils - Diesel fuel - Petrol
Fixing	M 10X1
Stem	Nylon
Float	NBR
Nut	Nylon
Type of contact	Reed N.O./ N.C. (SPDT)
Max switch. capacity	40 W (3 W SPDT)
Max switch. current	1 A (0.25 A SPDT)
Max switch. voltage	50 V
Fluid specific weight	> 0.7
Working temperature	-10°C / +100°C
Weight	~ gr 24

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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零件代码 - PART NUMBER

电气连接 Electrical connection		橙色或黑色 ORANGE OR BLACK	关 白色或蓝色 NC WHITE OR BLUE 开 棕色 / NO BROWN
L = 500 mm 线/wires	P006AC - 100		P006AC - 500
L = 1 mt 缆线/cable	P006AC - 110		P006AC - 510
L = 2 mt 缆线/cable	P006AC - 120		P006AC - 520
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down		SPDT触电 - SPDT Contact	

使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。
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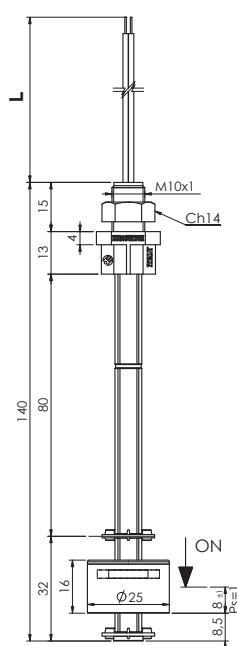
When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.
For Customized version (type of cable, temperature > 80°C, voltage >50V, etc.) please contact Euroswitch.

使用范围	水、酸液（要求使用食品级液体）
固定	M 10X1
杆	聚丙烯
浮球	聚丙烯
螺帽	尼龙
触点类型	簧片 开/关 (SPDT)
开关最大容量	40 W (3 W SPDT)
开关最大电流	1 A (0.25 A SPDT)
开关最大电压	50 V (250V 可根据要求提供)
液体比重	> 0.75
工作温度	-10°C / +80°C
重量	~ gr 28

Use	Water - Acids (Food-grade liquids on request)
Fixing	M 10X1
Stem	Polypropilene
Float	Polypropilene
Nut	Nylon
Type of contact	Reed N.O./ N.C. (SPDT)
Max switch. capacity	40 W (3 W SPDT)
Max switch. current	1 A (0.25 A SPDT)
Max switch. voltage	50 V (250V on request)
Specific fluid weight	> 0.75
Working temperature	-10°C / +80°C
Weight	~ gr 28

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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P006N



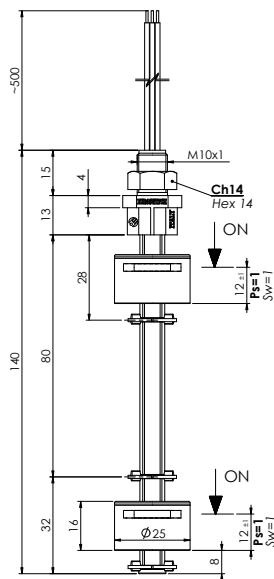
电气连接 <i>Electrical connection</i>		橙色或黑色 ORANGE OR BLACK	关 白色或蓝色 NC WHITE OR BLUE 开 棕色 / NO BROWN
L = 500 mm 线/wires	P006F7 - 100		P006F7 - 500
L = 1 mt 缆线/cable	P006F7 - 110		P006F7 - 510
L = 2 mt 缆线/cable	P006F7 - 120		P006F7 - 520

When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals. For customized versions (type of cable, temperature > 100°C, voltage >50V, etc.) please contact Euroswitch.

使用范围	矿物油 - 柴油 - 汽油
固定	M 10X1
杆	尼龙
浮球	丁腈橡胶
螺帽	尼龙
触点类型	簧片 开/关 (SPDT)
开关最大容量	40 W (3 W SPDT)
开关最大电流	1 A (0.25 A SPDT)
开关最大电压	50 V
液体比重	> 0.7
工作温度	-10°C / +100°C
重量	~ gr 28

Use	Mineral oils - Diesel fuel - Petrol
Fixing	M 10X1
Stem	Nylon
Float	NBR
Nut	Nylon
Type of contact	Reed N.O./ N.C. (SPDT)
Max switch. capacity	40 W (3 W SPDT)
Max switch. current	1 A (0.25 A SPDT)
Max switch. voltage	50 V
Fluid specific weight	> 0.7
Working temperature	-10°C / +100°C
Weight	~ gr 28

Ed. 20-03-1



零件代码 - PART NUMBER

电气连接 Electrical connection	黑色 C - BLACK	
L = 500 mm 线/wires	P006AC - 600	
L = 1 mt 缆线/cable	P006AC - 610	
L = 2 mt 缆线/cable	P006AC - 620	
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down		

使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。
请联系我们的客服部门，了解定制版本的相关信息（缆线的材质与类型、温度>80°C、电压>50V等）

When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.
For Customized version (type of cable, temperature > 80°C, voltage >50V, etc.) please contact Euroswitch.

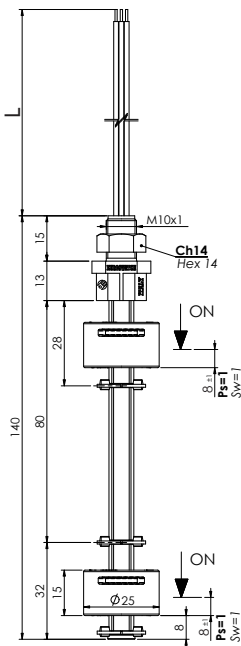
使用范围	水、酸液（要求使用食品级液体）
固定	M 10X1
杆	聚丙烯
浮球	聚丙烯
螺帽	尼龙
触点类型	簧片 开/关 (SPDT)
开关最大容量	40 W (3 W SPDT)
开关最大电流	1 A (0.25 A SPDT)
开关最大电压	50 V (250V 可根据要求提供)
液体比重	> 0.75
工作温度	-10°C / +80°C
重量	~ gr 28

Use	Water - Acids (Food-grade liquids on request)
Fixing	M 10X1
Stem	Polypropilene
Float	Polypropilene
Nut	Nylon
Type of contact	Reed N.O./ N.C. (SPDT)
Max switch. capacity	40 W (3 W SPDT)
Max switch. current	1 A (0.25 A SPDT)
Max switch. voltage	50 V (250V on request)
Specific fluid weight	> 0.75
Working temperature	-10°C / +80°C
Weight	~ gr 28

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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电磁双触点液位传感器
ELECTROMAGNETIC TWO-LEVEL SENSOR

P006N2



零件代码 - PART NUMBER

电气连接 <i>Electrical connection</i>	黑色 C - BLACK	
L = 500 mm 线/wires		P006F7 - 600
L = 1 mt 缆线/cable		P006F7 - 610
L = 2 mt 缆线/cable		P006F7 - 620
翻转浮球可切换关/开 <i>The contact can be converted from N.C. to N.O. by rotating the float upside down</i>		

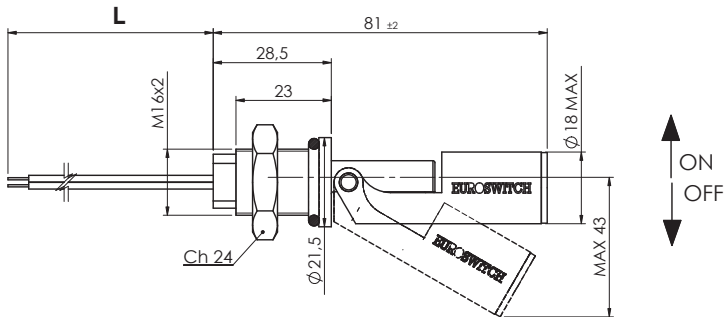
使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。
请联系Euroswitch，了解定制版本的相关信息（缆线的类型、温度>100°C、电压>50V等）。

When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.
For customized versions (type of cable, temperature > 100°C, voltage >50V, etc.) please contact Euroswitch.

使用范围	矿物油 - 柴油 - 汽油
固定	M 10X1
杆	尼龙
浮球	丁腈橡胶
螺帽	尼龙
触点类型	簧片 开/关 (SPDT)
开关最大容量	40 W (3 W SPDT)
开关最大电流	1 A (0.25 A SPDT)
开关最大电压	50 V
液体比重	> 0.7
工作温度	-10°C / +100°C
重量	~ gr 28

Use	Mineral oils - Diesel fuel - Petrol
Fixing	M 10X1
Stem	Nylon
Float	NBR
Nut	Nylon
Type of contact	Reed N.O./ N.C. (SPDT)
Max switch. capacity	40 W (3 W SPDT)
Max switch. current	1 A (0.25 A SPDT)
Max switch. voltage	50 V
Fluid specific weight	> 0.7
Working temperature	-10°C / +100°C
Weight	~ gr 28

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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零件代码 - PART NUMBER

电气连接 Electrical connection		橙色或黑色 ORANGE OR BLACK	关 白色或蓝色 NC WHITE OR BLUE 开 棕色 / NO BROWN
L = 500 mm 线/wires	P500AH - 100		P500AH - 500
L = 1 mt 缆线/cable	P500AH - 110		P500AH - 510
L = 2 mt 缆线/cable	P500AH - 120		P500AH - 520
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down		SPDT触电 - SPDT Contact	

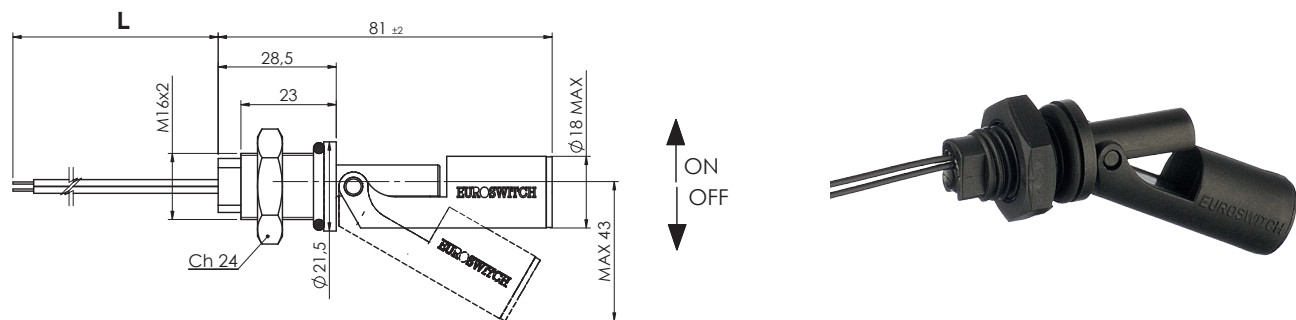
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请联系Euroswitch，了解定制版本的相关信息（缆线的材质与类型、温度>80°C、电压>50V等）。

When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.
For customized versions (material, type of cable, temperature > 80°C, voltage > 50V, etc.) please contact Euroswitch.

使用范围	水、酸液（要求使用食品级液体）
固定	M 16X2
杆	聚丙烯
浮球	聚丙烯
螺帽	尼龙
O环	硅胶
触点类型	簧片 开/关 (SPDT)
开关最大容量	40 W (3 W SPDT)
开关最大电流	1 A (0.25 A SPDT)
开关最大电压	50 V (250V 可根据要求提供)
液体比重	> 0.8
工作温度	-10°C / +80°C
重量	~ gr 24

Use	Water - Acids (Food-grade liquids on request)
Fixing	M 16X2
Stem	Polypropilene
Float	Polypropilene
Nut	Nylon
O-Ring	Sylicon
Type of contact	Reed N.O./ N.C. (SPDT)
Max switch. capacity	40 W (3 W SPDT)
Max switch. current	1 A (0.25 A SPDT)
Max switch. voltage	50 V (250V on request)
Specific fluid weight	> 0.8
Working temperature	-10°C / +80°C
Weight	~ gr 24

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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零件代码 - PART NUMBER

电气连接 Electrical connection		橙色或黑色 ORANGE OR BLACK 关 白色或蓝色 NC WHITE OR BLUE 开 棕色 / NO BROWN
L = 500 mm 线/wires	P500F8 - 100	P500F8 - 500
L = 1 mt 缆线/cable	P500F8 - 110	P500F8 - 510
L = 2 mt 缆线/cable	P500F8 - 120	P500F8 - 520
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down		SPDT触电 - SPDT Contact

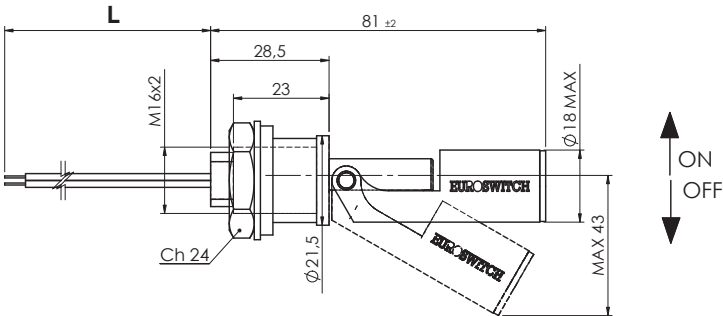
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请联系我们的客服部门，了解定制版本的相关信息（缆线的材质与类型、温度>100°C、电压>50V等）。

When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.
For customized versions (materials cable, different length, temperature > 100°C, voltage > 50V etc.) please contact our customer service.

使用范围	矿物油 - 柴油
固定	M 16X2
杆	尼龙
浮球	尼龙
螺帽	尼龙
O环	氟橡胶
触点类型	簧片 开/关 (SPDT)
开关最大容量	40 W (3 W SPDT)
开关最大电流	1 A (0.25 A SPDT)
开关最大电压	50 V
液体比重	> 0.85
工作温度	-10°C / +100°C
重量	~ gr 24

Use	Mineral oils - Diesel fuel
Fixing	M 16X2
Stem	Nylon
Float	Nylon
Nut	Nylon
O-Ring	Viton
Type of contact	Reed N.O./ N.C. (SPDT)
Max switch. capacity	40 W (3 W SPDT)
Max switch. current	1 A (0.25 A SPDT)
Max switch. voltage	50 V
Specific fluid weight	> 0.85
Working temperature	-10°C / +100°C
Weight	~ gr 24

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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零件代码 - PART NUMBER

电气连接 Electrical connection		橙色或黑色 ORANGE OR BLACK	关 白色或蓝色 NC WHITE OR BLUE 开 棕色 / NO BROWN
L = 500 mm 线/wires	P520AH - 100		P520AH - 500
L = 1 mt 缆线/cable	P520AH - 110		P520AH - 510
L = 2 mt 缆线/cable	P520AH - 120		P520AH - 520
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down		SPDT触点 - SPDT Contact	

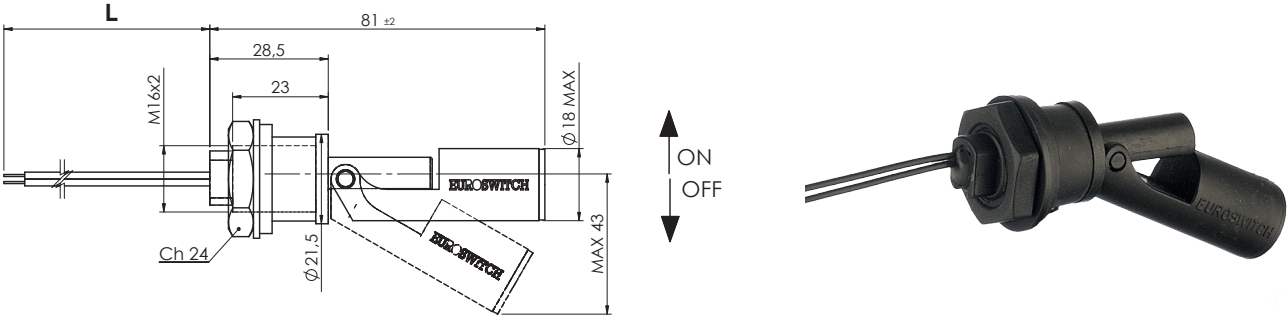
为了获得最佳固定效果，我们建议使用22毫米的无毛刺孔，壁厚在2到5毫米之间。
对于非绝缘连接，必须采取足够的预防措施，以确保各个端子之间的最小安全距离。
请联系Euroswitch，了解定制版本的相关信息（缆线的材质与类型、温度>80°C、电压>50V等）。

For correct fixing, we recommend using a burr-free 22 mm hole and a 2-5 mm thick wall.
When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.
For customized version (material, type of cable, temperature > 80°C, voltage > 50V, etc.) please contact Euroswitch.

使用范围	水、酸液（要求使用食品级液体）
固定	扩展垫圈
杆	聚丙烯
浮球	聚丙烯
螺帽	尼龙
扩展垫圈	硅胶（其他根据要求提供）
触点类型	簧片 开/关 (SPDT)
开关最大容量	40 W (3 W SPDT)
开关最大电流	1 A (0.25 A SPDT)
开关最大电压	50 V (250V 可根据要求提供)
液体比重	> 0.8
工作温度	-10°C / +80°C
重量	~ gr 24

Use	Water - Acids (Food-grade liquids on request)
Fixing	Expansion gasket
Stem	Polypropilene
Float	Polypropilene
Nut	Nylon
Expansion gasket	Sylicon (others on request)
Type of contact	Reed N.O./ N.C. (SPDT)
Max switch. capacity	40 W (3 W SPDT)
Max switch. current	1 A (0.25 A SPDT)
Max switch. voltage	50 V (250V on request)
Specific fluid weight	> 0.8
Working temperature	-10°C / +80°C
Weight	~ gr 24

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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零件代码 - PART NUMBER

电气连接 Electrical connection		橙色或黑色 ORANGE OR BLACK	关 白色或蓝色 NC WHITE OR BLUE 开 棕色 / NO BROWN
L = 500 mm 线/wires	P520F8 - 100		P520F8 - 500
L = 1 mt 缆线/cable	P520F8 - 110		P520F8 - 510
L = 2 mt 缆线/cable	P520F8 - 120		P520F8 - 510
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down		SPDT触电 - SPDT Contact	

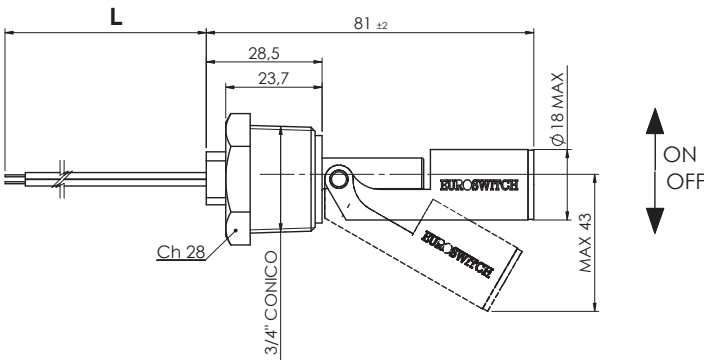
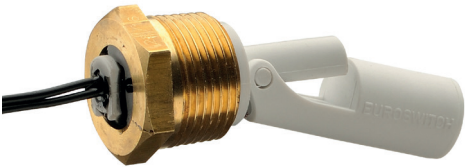
为了获得最佳固定效果，我们建议使用22毫米的无毛刺孔，壁厚在2到5毫米之间。
对于非绝缘连接，必须采取足够的预防措施，以确保各个端子之间的最小安全距离。
请联系Euroswitch，了解定制版本的相关信息（缆线的材质与类型、温度>80°C、电压>50V等）。

For correct fixing, we recommend using a burr-free 22 mm hole and a 2-5 mm thick wall.
When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.
For customized version (material, type of cable, temperature > 80°C, voltage > 50V, etc.) please contact Euroswitch.

使用范围	矿物油 - 柴油 - 汽油
固定	扩展垫圈
杆	尼龙
浮球	尼龙
螺帽	尼龙
扩展垫圈	丁腈橡胶（其他根据要求提供）
触点类型	簧片 开/关 (SPDT)
开关最大容量	40 W (3 W SPDT)
开关最大电流	1 A (0.25 A SPDT)
开关最大电压	50 V
液体比重	> 0.85
工作温度	-10°C / +100°C
重量	~ gr 24

Use	Mineral oils - Diesel fuel - Petrol
Fixing	Expansion gasket
Stem	Nylon
Float	Nylon
Nut	Nylon
Expansion gasket	NBR (others on request)
Type of contact	Reed N.O./ N.C. (SPDT)
Max switch. capacity	40 W (3 W SPDT)
Max switch. current	1 A (0.25 A SPDT)
Max switch. voltage	50 V
Fluid specific weight	> 0.85
Working temperature	-10°C / +100°C
Weight	~ gr 24

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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零件代码 - PART NUMBER

电气连接 Electrical connection	黑色 BLACK	黑色 BLACK	橙色或黑色 ORANGE OR BLACK	关 白色或蓝色 NC WHITE OR BLUE 开 棕色 / NO BROWN
L = 500 mm 线/wires	P530AH - 100		P530AH - 500	
L = 1 mt 缆线/cable	P530AH - 110		P530AH - 510	
L = 2 mt 缆线/cable	P530AH - 120		P530AH - 520	
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down			SPDT触电 - SPDT Contact	

使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。
请联系Euroswitch，了解定制版本的相关信息（缆线的材质与类型、温度>80°C、电压>50V等）。

When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.
For customized versions (material, type of cable, temperature > 80°C, voltage > 50V, etc.) please contact Euroswitch.

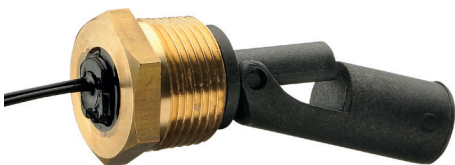
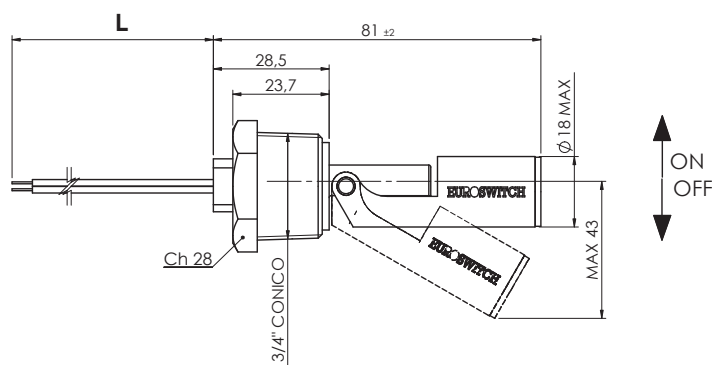
使用范围	水
固定	3/4" 黄铜锥体 - 气体
杆	聚丙烯
浮球	聚丙烯
触点类型	簧片 开/关 (SPDT)
开关最大容量	40 W (3 W SPDT)
开关最大电流	1 A (0.25 A SPDT)
开关最大电压	50 V
污染情况	正常
液体比重	聚丙烯 > 0.80 Nylon > 0.85
工作温度	-10°C / +80°C
重量	~ gr 90

Use	Water
Fixing	3/4" Gas conical Brass
Stem	Polypropilene
Float	Polypropilene
Type of contact	Reed N.O./ N.C. (SPDT)
Max switch. capacity	40 W (3 W SPDT)
Max switch. current	1 A (0.25 A SPDT)
Max switch. voltage	50 V
Pollution situation	normal
Fluid specific weight	Polipropilene > 0.80 Nylon > 0.85
Working temperature	-10°C / +80°C
Weight	~ gr 90

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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侧面固定电磁液位传感器
ELECTROMAGNETIC LEVEL SENSOR LATERAL FIXING

P530N



零件代码 - PART NUMBER

电气连接 Electrical connection	黑色 BLACK	黑色 BLACK	橙色或黑色 ORANGE OR BLACK	关 白色或蓝色 NC WHITE OR BLUE 开 棕色 / NO BROWN
L = 500 mm 线/wires	P530F8 - 100			P530F8 - 500
L = 1 mt 缆线/cable	P530F8 - 110			P530F8 - 510
L = 2 mt 缆线/cable	P530F8 - 120			P530F8 - 520
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down				SPDT触电 - SPDT Contact

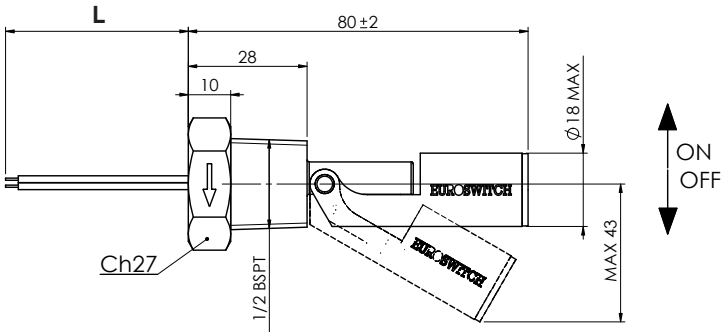
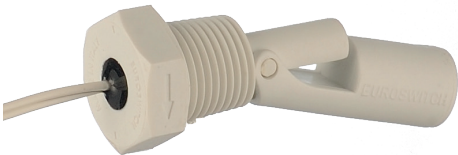
使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。
请联系Euroswitch，了解定制版本的相关信息（缆线的材质与类型、温度>100℃、电压>50V等）。

When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.
For customized versions (material, type of cable, temperature > 100°C, voltage > 50V, etc.) please contact Euroswitch.

使用范围	矿物油 - 柴油 - 汽油
固定	3/4" 黄铜锥体 - 气体
杆	尼龙
浮球	尼龙
触点类型	簧片 开/关 (SPDT)
开关最大容量	40 W (3 W SPDT)
开关最大电流	1 A (0.25 A SPDT)
开关最大电压	50 V
污染情况	正常
液体比重	聚丙烯 > 0.80 尼龙 > 0.85
工作温度	-10°C / +100°C
重量	~ gr 90

Use	Mineral oils - Diesel fuel - Petrol
Fixing	3/4" Gas conical Brass
Stem	Nylon
Float	Nylon
Type of contact	Reed N.O./ N.C. (SPDT)
Max switch. capacity	40 W (3 W SPDT)
Max switch. current	1 A (0.25 A SPDT)
Max switch. voltage	50 V
Pollution situation	normal
Fluid specific weight	Polipropilene > 0.80 Nylon > 0.85
Working temperature	-10°C / +100°C
Weight	~ gr 90

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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零件代码 - PART NUMBER

电气连接 Electrical connection		橙色或黑色 ORANGE OR BLACK	关 白色或蓝色 NC WHITE OR BLUE 开 棕色 / NO BROWN
L = 500 mm 线/wires	P535AH - 100		P535AH - 500
L = 1 mt 缆线/cable	P535AH - 110		P535AH - 510
L = 2 mt 缆线/cable	P535AH - 120		P535AH - 520
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down		SPDT触电 - SPDT Contact	

使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。
请联系Euroswitch，了解定制版本的相关信息（缆线的材质与类型、温度>80℃、电压>50V等）。

When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.
For customized versions (material, type of cable, temperature > 80°C, voltage > 50V, etc.) please contact Euroswitch.

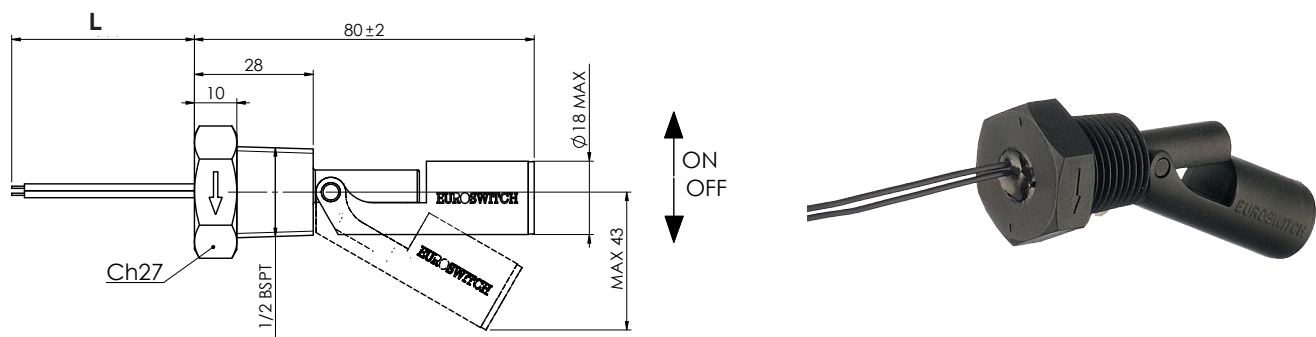
使用范围	水、酸液（要求使用食品级液体）
固定	G 1/2" 锥螺纹
杆	聚丙烯
浮球	聚丙烯
触点类型	簧片 开/关 (SPDT)
开关最大容量	40 W (3 W SPDT)
开关最大电流	1 A (0.25 A SPDT)
开关最大电压	50 V (250V 可根据要求提供)
液体比重	> 0.8
工作温度	-10°C / +80°C
重量	~ gr 24

Use	Water - Acids (Food-grade liquids on request)
Fixing	G 1/2" conical
Stem	Polypropilene
Float	Polypropilene
Type of contact	Reed N.O./ N.C. (SPDT)
Max switch. capacity	40 W (3 W SPDT)
Max switch. current	1 A (0.25 A SPDT)
Max switch. voltage	50 V (250V on request)
Specific fluid weight	> 0.8
Working temperature	-10°C / +80°C
Weight	~ gr 24

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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侧面固定电磁液位传感器
ELECTROMAGNETIC LEVEL SENSOR LATERAL FIXING

P535N



零件代码 - PART NUMBER

电气连接 Electrical connection		橙色或黑色 ORANGE OR BLACK	关 白色或蓝色 NC WHITE OR BLUE 开 棕色 / NO BROWN
L = 500 mm 线/wires	P535F8 - 100		P535F8 - 500
L = 1 mt 缆线/cable	P535F8 - 110		P535F8 - 510
L = 2 mt 缆线/cable	P535F8 - 120		P535F8 - 520
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down		SPDT触电 - SPDT Contact	

使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。
请联系Euroswitch，了解定制版本的相关信息（缆线的材质与类型、温度>100℃、电压>50V等）。

When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.
For customized versions (materials cable, different length, temperature > 100°C, voltage > 50V etc.) please contact our customer service.

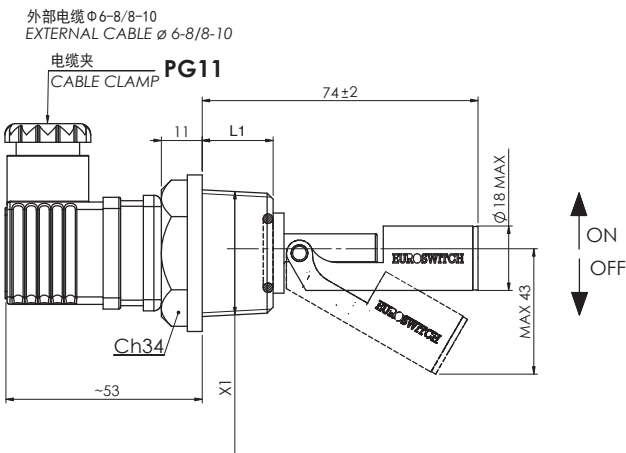
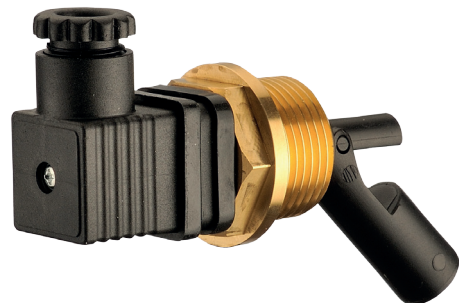
使用范围	矿物油 - 柴油
固定	G 1/2" 锥螺纹
杆	尼龙
浮球	尼龙
触点类型	簧片 开/关 (SPDT)
开关最大容量	40 W (3 W SPDT)
开关最大电流	1 A (0.25 A SPDT)
开关最大电压	50 V
液体比重	> 0.85
工作温度	-10°C / +100°C
重量	~ gr 24

Use	Mineral oils - Diesel fuel
Fixing	G 1/2" conical
Stem	Nylon
Float	Nylon
Type of contact	Reed N.O./ N.C. (SPDT)
Max switch. capacity	40 W (3 W SPDT)
Max switch. current	1 A (0.25 A SPDT)
Max switch. voltage	50 V
Specific fluid weight	> 0.85
Working temperature	-10°C / +100°C
Weight	~ gr 24

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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P531-P540

侧面固定电磁液位传感器 ELECTROMAGNETIC LEVEL SENSOR LATERAL FIXING



零件代码 - PART NUMBER

固定 / Fixing 黄铜 / Brass	材料秸秆 - 浮球 Material Stem - Float	1 — 2	3 C — 2 NC 1 NO
X1 = 3/4" G L1 = 19 mm	聚丙烯 / Polypropilene	P531AH - 100	P531AH - 500
	尼龙 / Nylon	P531F8 - 100	P531F8 - 500
X1 = 1" G L1 = 16 mm	聚丙烯 / Polypropilene	P540AH - 100	P540AH - 500
	尼龙 / Nylon	P540F8 - 100	P540F8 - 500
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down			SPDT触电 - SPDT Contact

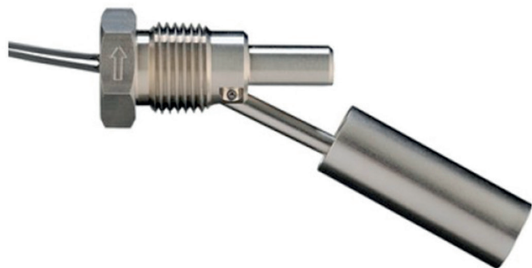
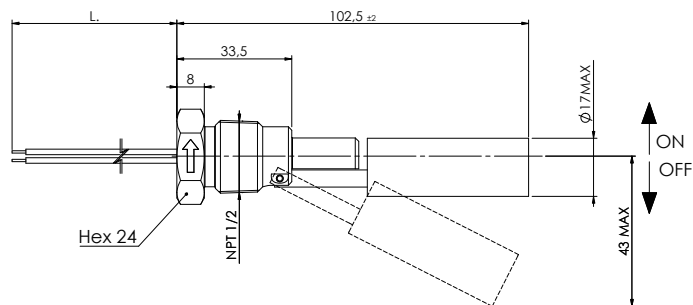
使用范围	P531AH P540AH 水
	P531F8 P540F8 矿物油 - 柴油 - 汽油
触点类型	簧片 开/关 (SPDT)
开关最大容量	40 W (3 W SPDT)
开关最大电流	1 A (0.25 A SPDT)
开关最大电压	< 50 V
液体比重	聚丙烯 > 0.80 尼龙 > 0.85
工作温度	-10°C / +100°C
保护等级	IP65
连接器	UNI EN 175301-803 (DIN43650)
重量	~ gr 100

Use	P531AH P540AH for water
	P531F8 P540F8 for Mineral oils - Diesel fuel - Petrol
Type of contact	Reed N.O./ N.C. (SPDT)
Max switch. capacity	40 W (3 W SPDT)
Max switch. current	1 A (0.25 A SPDT)
Max switch. voltage	< 50 V
Fluid specific weight	Polipropilene > 0.80 Nylon > 0.85
Working temperature	-10°C / +100°C
Protection degree	IP65
with connector	according to UNI EN 175301-803 (DIN43650)
Weight	~ gr 100

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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侧面固定电磁液位传感器
ELECTROMAGNETIC LEVEL SENSOR LATERAL FIXING

P595



零件代码 - PART NUMBER

1 — 2	黑色 / C BLACK — 关 蓝色 / NC BLUE 开 棕色 / NO BROWN
P595IX - 100	P595IX - 500
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down	SPDT触点 - SPDT Contact
必须用组装系统对接地装置进行紧固 Grounding must be fasten by assembling system	

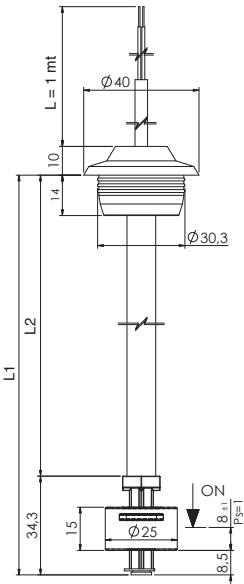
使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。
请联系我们的客服部门，了解定制版本的相关信息（缆线的材质与类型、温度>80°C、电压>50V等）

When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.
For Customized version (type of cable, temperature > 80°C, voltage >50V, etc.) please contact Euroswitch.

使用范围	水 - 油 - 酸液 - 汽油 (要求使用食品级液体)
固定	1/2" NPT
杆	Aisi 304不锈钢
浮球	Aisi 304不锈钢
输出线	500 mm (其他根据要求提供)
触点类型	簧片 开 / 关 (SPDT)
开关最大容量	50W - (3W SPDT)
开关最大电流	0,5A - (0.25A SPDT)
开关最大电压	250 Vac (50V SPDT)
液体比重	> 0,8
工作温度	-40°C / +120°C
重量	~ 70 gr

Use	Water - Oil - Acids - Fuels (Alimentary liquids on request)
Fixing	1/2" NPT
Stem	Stainless steel aisi 304
Float	Stainless steel aisi 304
Wiring output	500 mm (Others on request)
Type of contact	Reed N.O./N.C. (SPDT)
Max switch. capacity	50W - (3W SPDT)
Max switch. current	0,5A - (0.25A SPDT)
Max switch. voltage	250 Vac (50V SPDT)
Fluid specific weight	> 0,8
Working temperature	-40°C / +120°C
Weight	~ 70 gr

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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零件代码 - PART NUMBER

电气连接 Electrical connection	黑色 BLACK	黑色 BLACK	黑色 BLACK	关 蓝色 / NC BLUE 开 棕色 / NO BROWN
L = 1 mt 缆线/cable	P650 ● - 100		P650 ● - 500	
● L1 = 50 ÷ 500 mm				
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down			SPDT触电 - SPDT Contact	

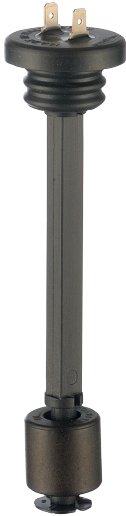
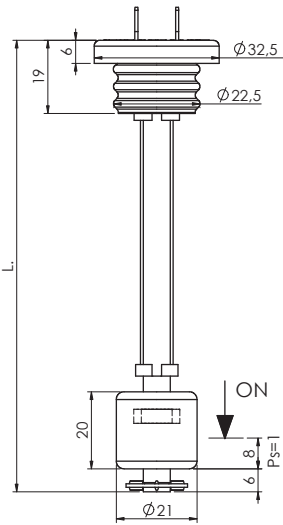
使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。
请联系我们的客服部门，了解定制版本的相关信息（输出缆线、不同长度、材质等）。

When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.
For customized versions (output cable, different length, materials, etc.) please contact our customer service.

使用范围	矿物油 - 柴油 - 汽油
固定	丁腈橡胶盖
杆	尼龙
浮球	丁腈橡胶
Seeger	磷青铜
输出线	PVC L = 1 mt
触点类型	簧片 开/关 (SPDT)
开关最大容量	40 W (3W SPDT)
开关最大电流	1 A (0.25A SPDT)
开关最大电压	50 V
液体比重	IP 65
工作温度	> 0.7
重量	-10°C / +80°C

Use	Mineral oils - Diesel fuel - Petrol
Fixing	NBR Plug
Stem	Nylon
Float	NBR
Seeger	Phosphorous bronze
Wiring output	PVC L = 1 mt
Type of contact	Reed N.O./N.C. (SPDT)
Max switch. capacity	40 W (3W SPDT)
Max switch. current	1 A (0.25A SPDT)
Max switch. voltage	50 V
Protection degree	IP 65
Specific liquid weight	> 0.7
Working temperature	-10°C / +80°C

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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零件代码 - PART NUMBER

长度 length mm	1 — 2	
	SPG NYLON	SPG POLYPROPYLENE
L = 68	SPG068L3 - 100	SPG068A3 - 100
L = 85	SPG085L3 - 100	SPG085A3 - 100
L = 117	SPG117L3 - 100	SPG117A3 - 100
L = 132	SPG132L3 - 100	SPG132A3 - 100
L = 187	SPG187L3 - 100	SPG187A3 - 100

翻转浮球可切换关/开
The contact can be converted from N.C. to N.O. by rotating the float upside down

请联系Euroswitch，了解定制版本的相关信息（输出缆线、不同长度等）。
For customized versions (output cable, different length, etc.) please contact Euroswitch.

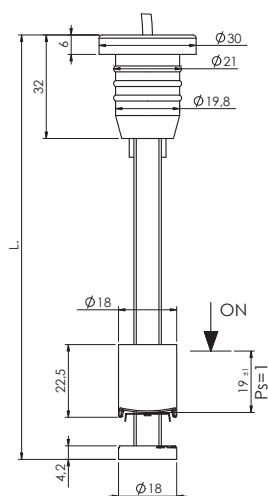
使用范围	SPGN 矿物油 - 柴油 - 汽油 SPGP 水 - 洗涤剂
固定	丁腈橡胶盖 (SPGN) / EPDM (SPGP)
浮球	丁腈橡胶
电气连接	端子 4.8 (缆线可根据要求提供版本)
触点类型	簧片 开/关
开关最大容量	10 W
开关最大电流	0.5 A
开关最大电压	50 V
液体比重	> 0.6
工作温度	-10°C / +80°C
重量	~ 20 gr (L=117mm)

Use	SPGN for Mineral oils - Diesel fuel - Petrol SPGP for Water - Detergents
Fixing	Plug NBR (SPGN) / EPDM (SPGP)
Float	NBR
Electrical connection	Faston 4.8 (Wired version on request)
Type of contact	Reed N.O./N.C.
Max switch. capacity	10 W
Max switch. current	0.5 A
Max switch. voltage	50 V
Specific liquid weight	> 0.6
Working temperature	-10°C / +80°C
Weight	~ 20 gr (L=117mm)

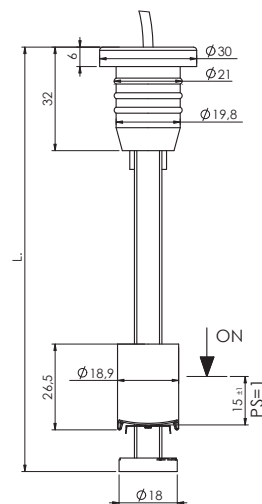
为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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SOM



SRM



零件代码 - PART NUMBER

长度 length mm	油 - Oil	石化油 - Petrol
L = 71	SOM 071 - 100	SRM 071 - 100
L = 74	SOM 074 - 100	SRM 074 - 100
L = 81	SOM 081 - 100	SRM 081 - 100
L = 91	SOM 091 - 100	SRM 091 - 100
L = 100	SOM 100 - 100	SRM 100 - 100
L = 104	SOM 104 - 100	SRM 104 - 100

零件代码 - PART NUMBER

长度 length mm	油 - Oil	石化油 - Petrol
L = 111	SOM 111 - 100	SRM 111 - 100
L = 116	SOM 116 - 100	SRM 116 - 100
L = 131	SOM 131 - 100	SRM 131 - 100
L = 146	SOM 146 - 100	SRM 146 - 100
L = 150	SOM 150 - 100	SRM 150 - 100
L = 198	SOM 198 - 100	SRM 198 - 100

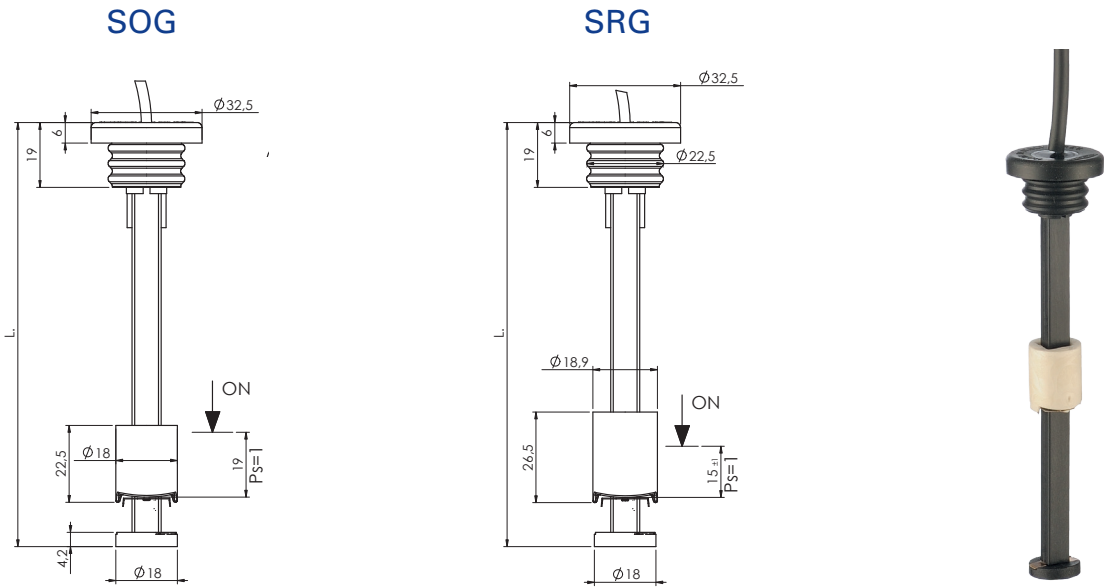
用于超电压系统或集电设备传感器。
请联系Euroswitch，了解定制版本的相关信息（输出缆线、不同长度等）。

Sensor for very low-voltage safety circuits or electric accumulators.
For customized versions (output cable, different length, etc.) please contact Euroswitch.

使用范围	矿物油 - 柴油 - 汽油
固定	SOM 防油丁腈橡胶插口
	SRM 防石油丁腈橡胶插口
杆	尼龙
浮球	尼龙泡沫
固定触点	镀银黄铜
移动触点	镀银磷青铜
触点类型	机电开关
开关最大容量	5 W
开关最大电流	500 mA
开关最大电压	24 Vdc
液体比重	> 0.85 (SOM) > 0.7 (SRM)
工作温度	-10°C / +80°C
重量	~ 26 gr (L=100 mm)

Use	Mineral oils - Petrol-Diesel fuel
Fixing	SOM anti-oil NBR plug
	SRM anti-petrol NBR plug
Stem	Nylon
Float	Foamed nylon
Fixed contact	Silver plated brass
Moving contact	Silver plat. phosphorous bronze
Type of contact	Electromechanical N.C.
Max switch. capacity	5 W
Max switch. current	500 mA
Max switch. voltage	24 Vdc
Specific liquid weight	> 0.85 (SOM) > 0.7 (SRM)
Working temperature	-10 / +80°C
Weight	~ 26 gr (L= 100 mm)

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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零件代码 - PART NUMBER

长度 length mm	油 - Oil	石化油 - Petrol
L = 53	SOG 053 - 100	
L = 65	SOG 065 - 100	SRG 065 - 100
L = 68	SOG 068 - 100	SRG 068 - 100
L = 75	SOG 075 - 100	SRG 075 - 100
L = 85	SOG 085 - 100	SRG 085 - 100
L = 94	SOG 094 - 100	SRG 094 - 100
L = 98	SOG 098 - 100	SRG 098 - 100

零件代码 - PART NUMBER

长度 length mm	油 - Oil	石化油 - Petrol
L = 105	SOG 105 - 100	SRG 105 - 100
L = 109	SOG 109 - 100	SRG 109 - 100
L = 125	SOG 125 - 100	SRG 125 - 100
L = 140	SOG 140 - 100	SRG 140 - 100
L = 144	SOG 144 - 100	SRG 144 - 100
L = 192	SOG 192 - 100	SRG 192 - 100

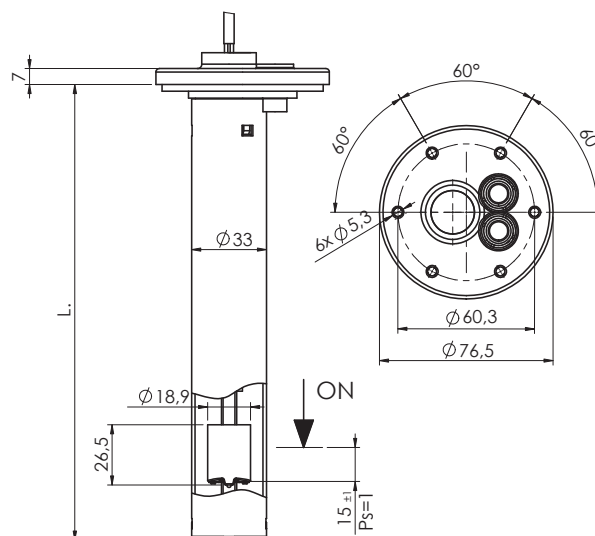
用于超低电压系统或集电设备传感器。
请联系Euroswitch，了解定制版本的相关信息（输出缆线、不同长度等）。

Sensor for very low-voltage safety circuits or electric accumulators.
For customized versions (output cable, different length, etc.) please contact Euroswitch.

使用范围	矿物油 - 柴油 - 汽油
固定	SOG 防油丁腈橡胶插口 SRG 防石油丁腈橡胶插口
杆	尼龙
浮球	尼龙泡沫
固定触点	镀银黄铜
移动触点	镀银磷青铜
触点类型	机电开关
开关最大容量	5 W
开关最大电流	500 mA
开关最大电压	24 Vdc
液体比重	> 0.85 (SOG) > 0.7 (SRG)
工作温度	-10°C / +80°C
重量	~ 30 gr (L=109 mm)

Use	Mineral oils - Fuels - Diesel fuel
Fixing	SOG anti-oil NBR plug SRG anti-petrol NBR plug
Stem	Nylon
Float	Foamed nylon
Fixed contact	Silver plated brass
Moving contact	Silver plat. phosphorous bronze
Type of contact	N.C. electromechanical
Max switch. capacity	5 W
Max switch. current	500 mA
Max switch. voltage	24 Vdc
Specific liquid weight	> 0.85 (SOG) > 0.7 (SRG)
Working temperature	-10 / +80°C
Weight	~ 30 gr (L= 109 mm)

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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零件代码 - PART NUMBER

SRE ● - XXX

● L = 100 ÷ 1000 mm

用于超低电压系统或集电设备传感器。
请联系Euroswitch，了解定制版本的相关信息（输出缆线、不同长度等）。

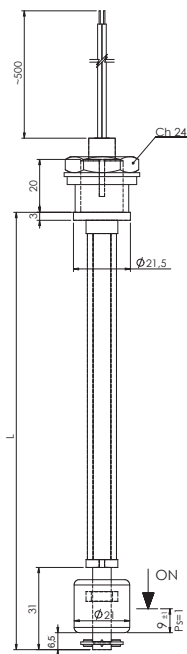
*Sensor for very low-voltage safety circuits or electric accumulators.
For customized versions (output cable, different length, etc.) please contact Euroswitch.*

使用范围	柴油
固定	6孔铝制法兰
杆	尼龙
稳定室	PVC
浮球	尼龙泡沫
密封垫圈	防石油橡胶
固定触点	镀银黄铜
移动触点	镀银磷青铜
输出线	500 mm PVC
触点类型	机电开关
开关最大容量	5 W
开关最大电流	500 mA
开关最大电压	24 Vdc
液体比重	> 0.7
工作温度	-10°C / +80°C
重量	~ 120 gr (Per L=185 mm)

Use	Diesel fuel
Fixing	6 holes Nylon flange
Stem	Nylon
Stabilized room	PVC
Float	Foamed nylon
Gasket seal	Anti-petrol rubber
Fixed contact	Silver plated brass
Moving contact	Silver plat. phosphorous bronze
Wiring output	500 mm PVC
Type of contact	Electromechanical N.C.
Max switch. capacity	5 W
Max switch. current	500 mA
Max switch. voltage	24 Vdc
Fluid specific weight	> 0.7
Working temperature	-10°C / +80°C
Weight	~ 120 gr (for L= 185 mm)

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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膨胀垫圈电磁液位传感器
ELECTROMAGNETIC LEVEL SENSOR WITH EXPANSION GASKET



零件代码 - PART NUMBER

长度 length	黑色 BLACK	黑色 BLACK
L = 164		SPE164F3 - 100
L = 183		SPE183F3 - 100
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down		

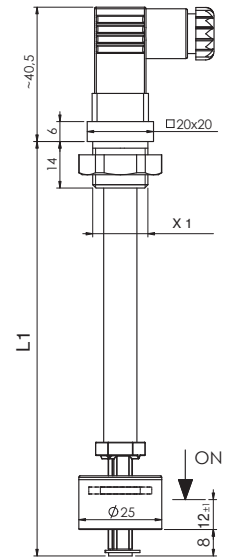
使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。
请联系Euroswitch，了解定制版本的相关信息（缆线的材质与类型、温度> 80°C、电压>50V等）。

When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.
For customized versions (material, type of cable, length, temperature > 80°C, voltage > 50V, etc.) please contact Euroswitch.

使用范围	矿物油 - 柴油 - 汽油
固定	扩展垫圈
杆	尼龙
浮球	丁腈橡胶
螺帽	尼龙
扩展垫圈	氟橡胶（其他根据要求提供）
输出线	500 mm PVC
触点类型	簧片 开/关
开关最大容量	40 W
开关最大电流	1 A
开关最大电压	50 V
液体比重	> 0.6
工作温度	-10°C / +80°C
重量	~ gr 40

Use	Mineral oils - Diesel fuel - Petrol
Fixing	Expansion gasket
Stem	Nylon
Float	NBR
Nut	Nylon
Expansion gasket	Viton (others on request)
Wiring output	500 mm PVC
Type of contact	Reed N.O./ N.C.
Max switch. capacity	40 W
Max switch. current	1 A
Max switch. voltage	50 V
Fluid specific weight	> 0.6
Working temperature	-10°C / +80°C
Weight	~ gr 40

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
企业保留修改产品技术参数或随时停产的权力，恕不另行通知。The Company reserves the right to modify the technical features of the products or halt production at any time without notice.



零件代码 - PART NUMBER

固定 Fixing X1	1 — 2	1 C — 3 NC 2 NO
G 3/8"	P680FC - xxx	P681FC - xxx
M 20 x 1.5	P685FC - xxx	P686FC - xxx
xxx = L1 in mm		

请联系Euroswitch，了解定制版本的相关信息（缆线材质、不同长度等）。

For customized versions (materials cable, different length, etc.) please contact our customer service.

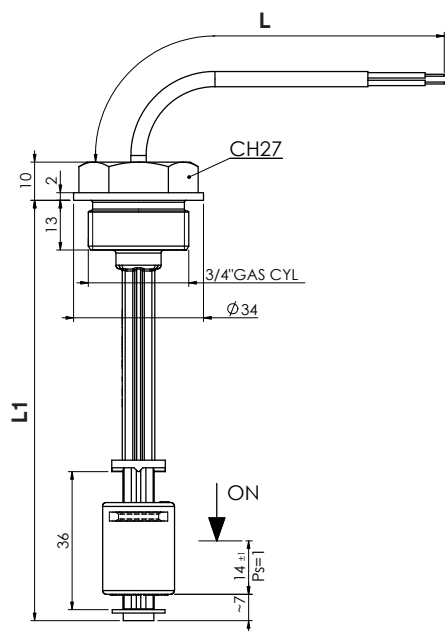
使用范围	矿物油 - 柴油 - 汽油
杆	尼龙
浮球	聚丙烯
螺帽	尼龙
导师	磷青铜
连接器	UNI EN 175301-803 (DIN43650) P8 micro
触点类型	簧片 开/关 (SPdT)
开关最大容量	40 W (3W SPDT)
开关最大电流	1 A (0.25A SPDT)
开关最大电压	50 V
保护等级	IP 65
液体比重	> 0.75
工作温度	-10°C / +80°C
长度	L1 可要求

Use	Mineral oils - Diesel fuel - Petrol
Stem	Nylon
Float	Polypropilene
Nut	Nylon
Seeger	Phosphorouse bronze
with connector	according to UNI EN 175301-803 (DIN43650) P8 micro
Type of contact	Reed N.O./N.C. (SPDT)
Max switch. capacity	40 W (3W SPDT)
Max switch. current	1 A (0.25A SPDT)
Max switch. voltage	50 V
Protection degree	IP 65
Specific liquid weight	> 0.75
Working temperature	-10°C / +80°C
Lengths	L1 on request

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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电磁液位传感器
ELECTROMAGNETIC LEVEL SENSOR

SPF



零件代码 - PART NUMBER

电气连接 Electrical connection		黑色 BLACK	关 蓝色 / NC BLUE 开 棕色 / NO BROWN
L = 500 mm 线/wires	SPF ● - 100	SPF ● - 500	
L = 1 mt 缆线/cable	SPF ● - 110	SPF ● - 510	
L = 2 mt 缆线/cable	SPF ● - 120	SPF ● - 520	
● L1 = 074 - 097 - 110 mm			
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down		SPDT触电 - SPDT Contact	

使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。
请联系Euroswitch，了解定制版本的相关信息（缆线的材质与类型、不同长度、电压>50V等）。

When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.
For customized versions (material, type of cable, length, voltage > 50V, etc.) please contact Euroswitch.

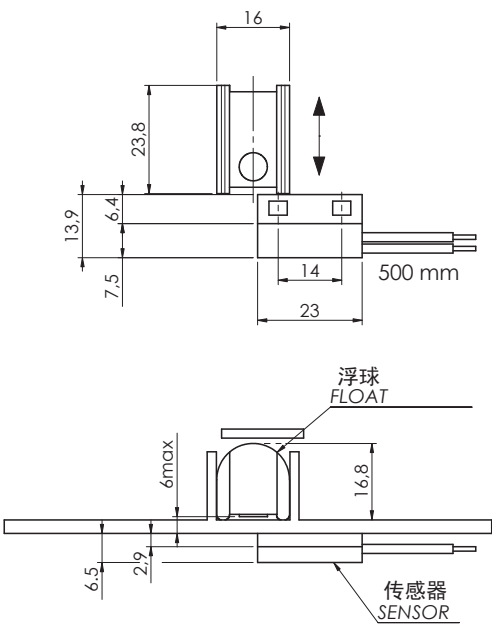
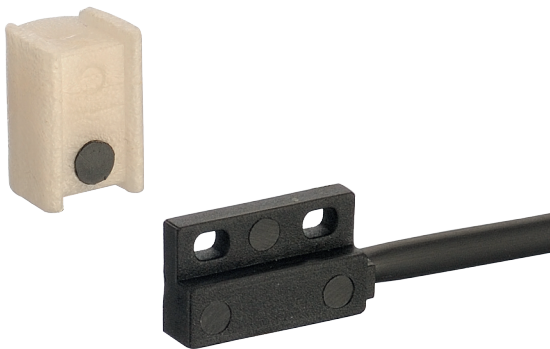
使用范围	矿物油 - 柴油 - 汽油 - 水
固定	3/4" Gas
杆	尼龙
浮球	丁腈橡胶
触点类型	簧片 开/关
开关最大容量	10 W (3W SPDT)
开关最大电流	1 A (0.25A SPDT)
开关最大电压	50 V
液体比重	> 0.7
工作温度	-25°C / +100°C
重量	~ gr 60

Use	Mineral oils - Diesel fuel - Petrol - Water
Fixing	3/4" Gas
Stem	Nylon
Float	NBR
Type of contact	Reed N.O./ N.C.
Max switch. capacity	10 W (3W SPDT)
Max switch. current	1 A (0.25A SPDT)
Max switch. voltage	50 V
Fluid specific weight	> 0.7
Working temperature	-25°C / +100°C
Weight	~ gr 60

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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P915

可拆卸油箱专用电磁液位传感器 ELECTROMAGNETIC LEVEL SENSOR FOR REMOVABLE TANK



零件代码 - PART NUMBER

	黑色 BLACK	黑色 BLACK
传感器 <i>Sensor</i>	P915FZ - 100	
浮球 <i>Float</i>	GLL016 - 002	

使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。
请联系我们的客服部门，了解定制版本的相关信息（缆线的材质与类型、温度>80°C、电压>50V等）

When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.
For Customized version (type of cable, temperature > 80°C, voltage >50V, etc.) please contact Euroswitch.

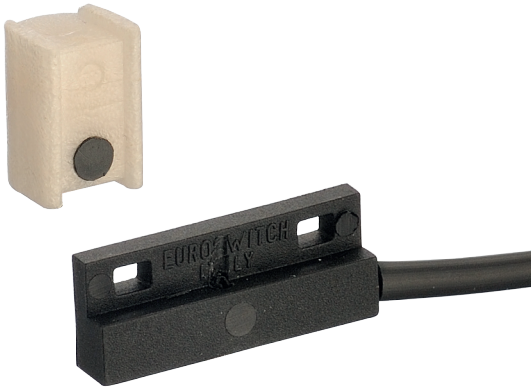
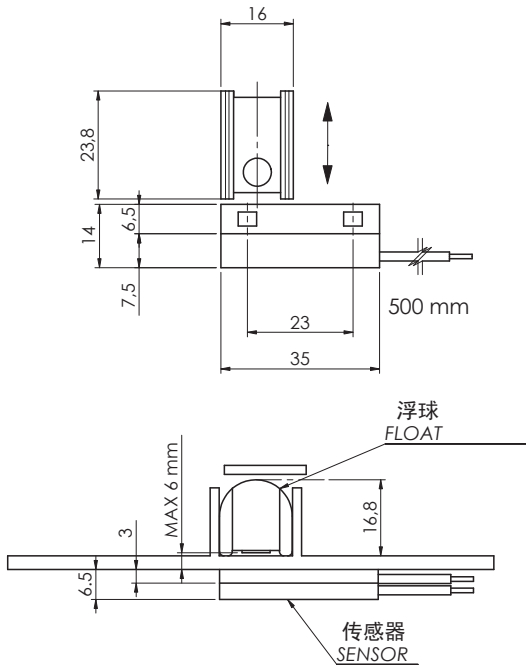
使用范围	水 - 酸液 - 洗涤剂
杆	尼龙
浮球	聚丙烯
输出线	500 mm PVC
触点类型	簧片 开/关
开关最大容量	10 W
开关最大电流	0.5 A
开关最大电压	50 V
液体比重	> 0.8
工作温度	-10°C / +80°C
重量	~ 8/10 gr

Use	Water - Acids - Detergent
Stem	Nylon
Float	Polypropilene
Wiring output	500 mm PVC
Type of contact	Reed N.O
Max switch. capacity	10 W
Max switch. current	0.5 A
Max switch. voltage	50 V
Specific fluid weight	> 0.8
Working temperature	-10°C / +80°C
Weight	~ 8/10 gr

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
企业保留修改产品技术参数或随时停产的权力，恕不另行通知。The Company reserves the right to modify the technical features of the products or halt production at any time without notice.

可拆卸油箱专用电磁液位传感器
ELECTROMAGNETIC LEVEL SENSOR FOR REMOVABLE TANK

P920



零件代码 - PART NUMBER

	黑色 BLACK	黑色 BLACK	橙色 ORANGE	关 棕色 / NC BROWN 开 白色 / NO WHITE
传感器 Sensor	P920FZ - 100	P920FZ - 500	P920FZ - 100	P920FZ - 500
浮球 Float	GLL016 - 002	GLL016 - 002	GLL016 - 002	GLL016 - 002

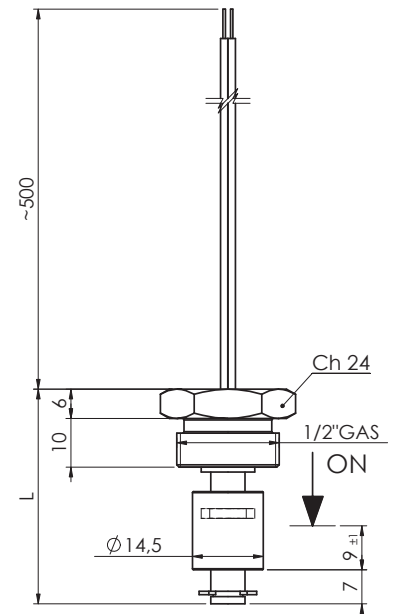
使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。
请联系Euroswitch，了解定制版本的相关信息（缆线的材质与类型、温度>80°C、电压>50V等）。

When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.
For customized versions (type of cable, temperature > 80°C, voltage > 50V, etc.) please contact Euroswitch.

使用范围	水 - 酸液 - 洗涤剂
杆	尼龙
浮球	聚丙烯
输出线	500 mm PVC
触点类型	簧片 开/关 / SPDT
开关最大容量	40 W (3W SPDT)
开关最大电流	1 A (0.25A SPDT)
开关最大电压	50 V
液体比重	> 0.8
工作温度	-10°C / +80°C
重量	~ 10 gr

Use	Water - Acids - Detergent
Stem	Nylon
Float	Polypropylene
Wiring output	500 mm PVC
Type of contact	Reed N.O. / SPDT
Max switch. capacity	40 W (3W SPDT)
Max switch. current	1 A (0.25A SPDT)
Max switch. voltage	50 V
Specific fluid weight	> 0.8
Working temperature	-10°C / +80°C
Weight	~ 10 gr

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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零件代码 - PART NUMBER

长度 Length	黑色 BLACK
L = 44	P28044 - 100
L = 80	P28080 - 100
L = 100	P28100 - 100
L = 150	P28150 - 100

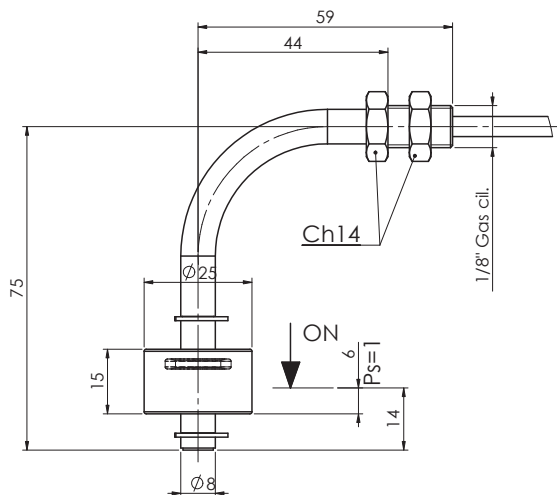
使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。
请联系Euroswitch，了解定制版本的相关信息（输出缆线、不同长度、材质等）。

*When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.
For customized versions (output cable, different length, materials, etc.) please contact Euroswitch.*

使用范围	矿物油 - 柴油 - 汽油 水 - 洗涤剂
固定	G 1/2"
杆	黄铜
浮球	丁腈橡胶
输出线	500 mm PVC
触点类型	簧片 开/关
开关最大容量	10 W
开关最大电流	0.5 A
开关最大电压	50 V
液体比重	> 0.7
工作温度	-10°C / +100°C
重量	~ 50 gr

Use	Mineral oils - Diesel fuel - Petrol Water - detergents
Fixing	G 1/2"
Stem	Brass
Float	NBR
Wiring output	500 mm PVC
Type of contact	Reed N.O./N.C.
Max switch. capacity	10 W
Max switch. current	0.5 A
Max switch. voltage	50 V
Specific liquid weight	> 0.7
Working temperature	-10°C / +100°C
Weight	~ 50 gr

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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零件代码 - PART NUMBER

黑色 BLACK	黑色 BLACK
PG29075-100	
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down	

使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。
请联系Euroswitch，了解定制版本的相关信息（输出缆线、不同长度、材质等）。

When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.
For customized versions (output cable, different length, materials, etc.) please contact Euroswitch.

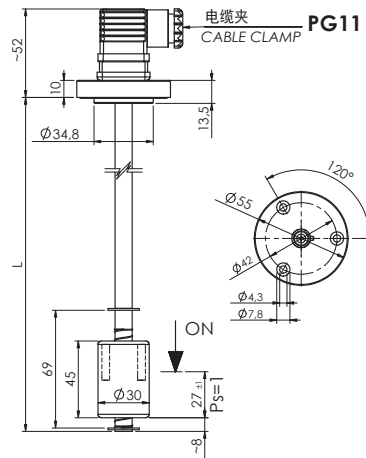
使用范围	矿物油 - 柴油 - 汽油 水 - 洗涤剂
固定	G 1/8"
杆	黄铜
浮球	丁腈橡胶
输出线	500 mm PVC
触点类型	簧片 开 / 关
开关最大容量	10 W
开关最大电流	0.5 A
开关最大电压	50 V
液体比重	> 0.7
工作温度	-10°C / +100°C
重量	~ 120 gr

Use	Mineral oils - Diesel fuel - Petrol Water - detergents
Fixing	G 1/8"
Stem	Brass
Float	NBR
Wiring output	500 mm PVC
Type of contact	Reed N.O./N.C.
Max switch. capacity	10 W
Max switch. current	0.5 A
Max switch. voltage	50 V
Specific liquid weight	> 0.7
Working temperature	-10°C / +100°C
Weight	~ 120 gr

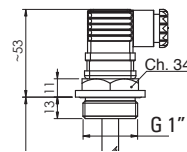
为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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ATEX版本可根据要求提供
Version ATEX available on request

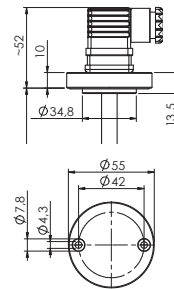
P30

外部电缆 $\phi 6-8/8-10$
EXTERNAL CABLE $\phi 6-8/8-10$
电缆夹 PG11
CABLE CLAMP

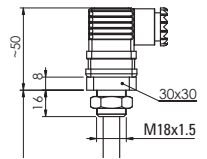
P31



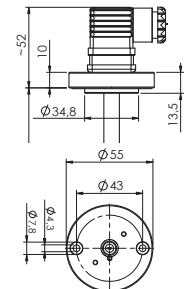
P32



P33



P32P



零件代码 - PART NUMBER

1 — 2	3 C — 2 NC 1 NO
P3 ▲ ● - 100	P3 ▲ ● - 500

▲ 固定	Fixing	● 长度	Length mm
0 3孔法兰固定	3 holes flanged	100	350
1 1" 气用螺纹接头	1" G Thread	150	400
2 2孔法兰固定 $\phi 42$ mm	2 holes flanged $\phi 42$ mm	200	450
2P 2孔法兰固定 $\phi 43$ mm	2 holes flanged $\phi 43$ mm	250	500
3 M 18 X 1.5	M 18 X 1.5	300	

翻转浮球可切换关/开
The contact can be converted from N.C. to N.O.
by rotating the float upside down

请联系Euroswitch, 了解定制版本的相关信息 (长度、温度 $>100^{\circ}\text{C}$ 等)。
For customized versions (length, temperature $> 100^{\circ}\text{C}$, etc.) please contact Euroswitch.

使用范围	矿物油 - 汽油 - 水
固定	阳极氧化铝
杆	黄铜
浮球	尼龙泡沫 (压力大于1bar, 浮球材料建议采用丁腈橡胶)
导师	磷青铜
O环	丁腈橡胶
触点类型	簧片 开 / 关 (SPDT)
开关最大容量	80 W (50 W SPDT)
开关最大电流	1 A (1 A SPDT)
开关最大电压	250 Vac (220 Vac SPDT)
保护等级	IP65
连接器	UNI EN 175301-803 (DIN43650)
液体比重	> 0.75
工作温度	$-20^{\circ}\text{C} / +100^{\circ}\text{C}$
重量	~ 160 gr (per L=100 mm)

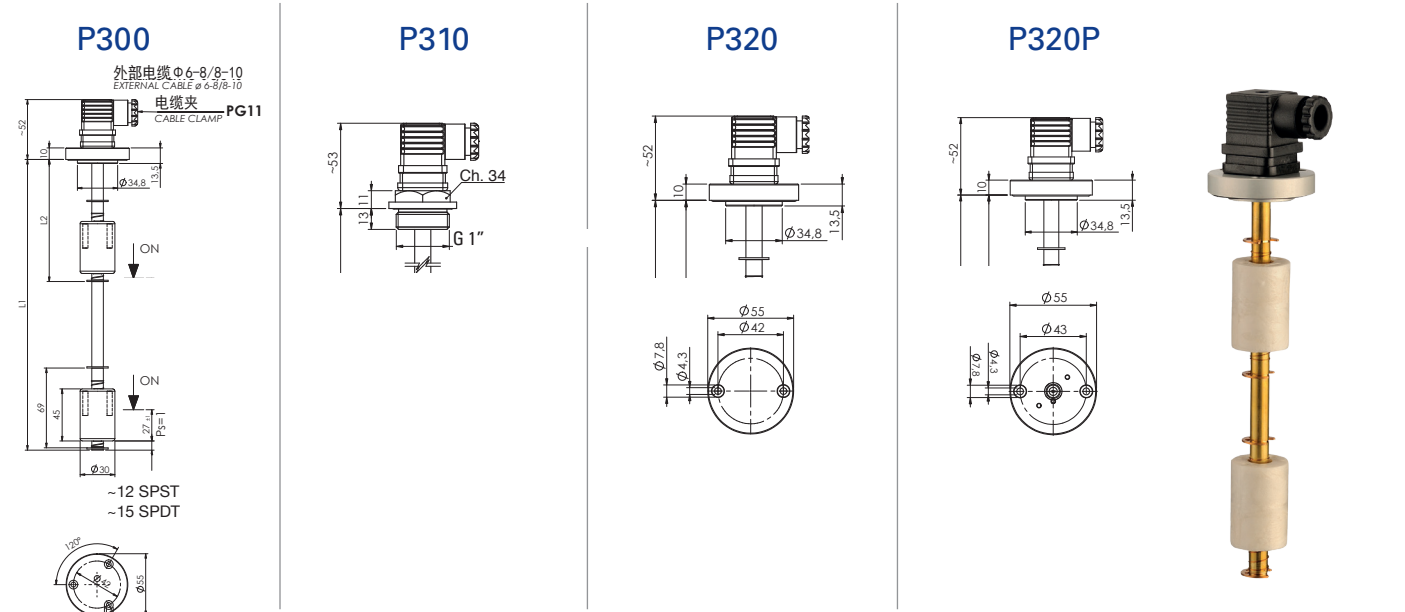
Use	Mineral oils - Fuels - Water
Fixing	Anodised aluminium
Stem	Brass
Float	Foamed nylon (for pressure > 1 bar use NBR float execution)
Seeger	Phosphorous bronze
O-Ring	NBR
Type of contact	Reed N.O./N.C. (SPDT)
Max switch. capacity	80 W (50 W SPDT)
Max switch. current	1 A (1 A SPDT)
Max switch. voltage	250 Vac (220 Vac SPDT)
Protection degree	IP65
with connector	according to UNI EN 175301-803 (DIN43650)
Fluid specific weight	> 0.75
Working temperature	$-20^{\circ}\text{C} / +100^{\circ}\text{C}$
Weight	~ 160 gr (for L=100 mm)

为了正确使用, 请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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电磁双触点液位传感器
ELECTROMAGNETIC LEVEL SENSOR

P3x0

ATEX版本可根据要求提供
Version ATEX available on request



零件代码 - PART NUMBER

长度 Length L1 mm	长度 Length L2 mm	3孔铝质法兰 3 holes Aluminium Flange	螺纹 1"GAS Thread G 1"	2孔铝质法兰int. 42 2 holes Flange int. 42	2孔铝质法兰int. 43 2 holes Flange int. 43
200	95	P300200 - 600	P310200 - 600	P320200 - 600	P320P200 - 600
250	105	P300250 - 600	P310250 - 600	P320250 - 600	P320P250 - 600
300	105	P300300 - 600	P310300 - 600	P320300 - 600	P320P300 - 600
350	115	P300350 - 600	P310350 - 600	P320350 - 600	P320P350 - 600
400	115	P300400 - 600	P310400 - 600	P320400 - 600	P320P400 - 600
450	125	P300450 - 600	P310450 - 600	P320450 - 600	P320P450 - 600
500	125	P300500 - 600	P310500 - 600	P320500 - 600	P320P500 - 600

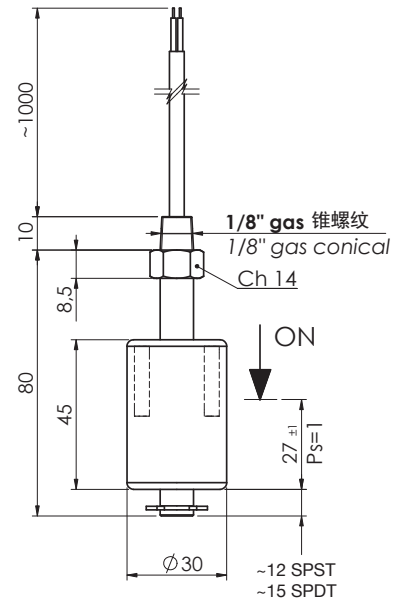
翻转浮球可切换关/开 - The contact can be converted from N.C. to N.O. by rotating the float upside down

请联系Euroswitch，了解定制版本的相关信息（长度、温度>100℃等）。
For customized versions (length, temperature > 100°C, etc.) please contact our Customer Service.

使用范围	矿物油 - 汽油 - 水
固定	阳极氧化铝
杆	黄铜
浮球	尼龙泡沫 (压力大于1bar, 浮球材料建议采用丁腈橡胶)
导师	磷青铜
O环	丁腈橡胶
触点类型	簧片 开 / 关
开关最大容量	80 W
开关最大电流	1 A
开关最大电压	250 Vac
保护等级	IP65
连接器	UNI EN 175301-803 (DIN43650)
液体比重	> 0.75
工作温度	-20°C / +100°C
重量	~230 gr (per L= 200 mm)

Use	Mineral oils - Fuels - Water
Fixing	Anodised aluminium
Stem	Brass
Float	Foamed nylon (for pressure > 1 bar use NBR float)
Seeger	Phosphorous bronze
O-Ring	NBR
Type of contact	Reed N.O./N.C.
Max switch. capacity	80 W
Max switch. current	1 A
Max switch. voltage	250 Vac
Protection degree	IP65
with connector	according to UNI EN 175301-803 (DIN43650)
Fluid specific weight	> 0.75
Working temperature	-20°C / +100°C
Weight	~230 gr (for L= 200 mm)

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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零件代码 - PART NUMBER

白色/WHITE 	白色/WHITE 	棕色 BROWN 	黑色/BLACK 蓝色/BLUE
P34070 - 100	P34070 - 500		
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down	SPDT触点 - SPDT Contact		
必须用组装系统对接地装置进行紧固 Grounding must be fasten by assembling system			

请联系Euroswitch，了解定制版本的相关信息（长度、温度>100°C等）。
使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。

For customized versions (length, temperature > 100°C, etc.) please contact Euroswitch.

When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.

使用范围	矿物油 - 汽油 - 水
固定	1/8" gas 锥螺纹
杆	黄铜
浮球	尼龙泡沫 (压力大于1bar，浮球材料建议采用丁腈橡胶)
导体	磷青铜
电气连接	1000 mm 部分 0.5 mm ² PVC
触点类型	簧片 开 / 关 (SPDT)
开关最大容量	80 W (50 W SPDT)
开关最大电流	1 A (1 A SPDT)
开关最大电压	250 Vac (220 Vac SPDT)
液体比重	> 0.75
工作温度	-20°C / +100°C
重量	~ gr 85

Use	Mineral oils - Fuels - Water
Fixing	1/8" gas conical
Stem	Brass
Float	Foamed nylon (for pressure > 1 bar use NBR float execution)
Seeger	Phosphorous bronze
Electrical connection	1000 mm section 0.5 mm ² PVC
Type of contact	Reed N.O./N.C. (SPDT)
Max switch. capacity	80 W (50 W SPDT)
Max switch. current	1 A (1 A SPDT)
Max switch. voltage	250 Vac (220 Vac SPDT)
Fluid specific weight	> 0.75
Working temperature	-20°C / +100°C
Weight	~ gr 85

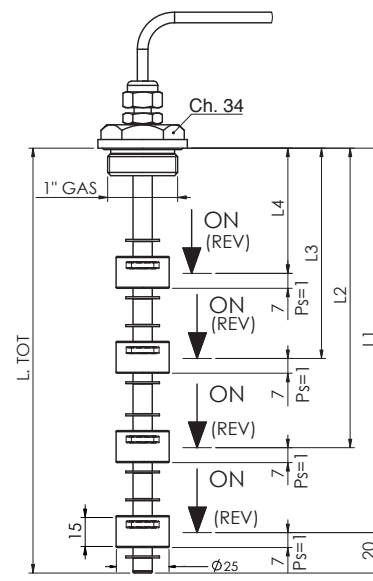
为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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白色 / WHITE 白色 / WHITE 棕色 / BROWN 黑色 / BLACK 蓝色 / BLUE	
P35085 - 100	P35085 - 500
翻转浮球可切换开/关 <i>The contact can be converted from N.C. to N.O. by rotating the float upside down</i>	SPDT触点 - SPDT Contact
装配系统应将地接装置紧固 <i>Grounding must be fasten by assembling system</i>	

*For customized versions (length, temperature > 100°C, etc.) please contact Euroswitch.
When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.*

Use	Mineral oils - Fuels - Petrol - Water
Fixing	3/8" gas
Stem	Brass
Float	NBR
Seeger	Phosphorous bronze
Electrical connection	1000 mm section 0.5 mm ² PVC
Type of contact	Reed NO/NC (SPDT)
Max switch. capacity	80W (50W SPDT)
Max switch. current	1 A (1A SPDT)
Max switch. voltage	250 Vac (220 Vac SPDT)
Fluid specific weight	> 0.75
Working temperature	-20°C / +100°C
Weight	~ gr 160



零件代码 - PART NUMBER

C	L 1 mm
	L 2 mm
	L 3 mm
	L 4 mm
P39 ● - L1 - L2 - L3 - L4	
● = L. tot.	
翻转浮球可切换关/开 <i>The contact can be converted from N.C. to N.O. by rotating the float upside down</i>	

请联系Euroswitch，了解定制版本的相关信息（固定，浮球数量，布线，温度>100°C等）。
For customized versions (fixing, nr. of floats, wiring, temperature > 100°C, etc.) please contact Euroswitch.

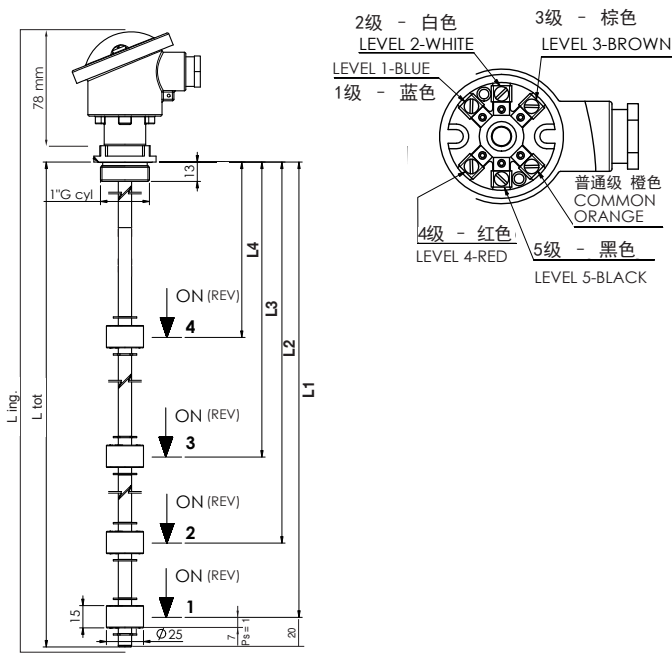
使用范围	矿物油 - 汽油 - 水
固定	阳极氧化铝中的1号气体
杆	黄铜
浮球	丁腈橡胶
电气连接	线 PVC L = 1 mt.
导师	磷青铜
O环	丁腈橡胶
触点类型	簧片 开 / 关 (SPDT)
开关最大容量	40 W
开关最大电流	1 A
开关最大电压	50 V
液体比重	> 0.7
工作温度	-20°C / +100°C

Use	Mineral oils - Fuels - Water
Fixing	1" Gas in anodised aluminium
Stem	Brass
Float	NBR
Electrical connection	PVC wire L = 1 mt.
Seeger	Phosphorous bronze
O-Ring	NBR
Type of contact	Reed N.O./N.C. (SPDT)
Max switch. capacity	40 W
Max switch. current	1 A
Max switch. voltage	50 V
Fluid specific weight	> 0.7
Working temperature	-20°C / +100°C

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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电磁液位传感器
ELECTROMAGNETIC LEVEL SENSOR

P39D



零件代码 - PART NUMBER

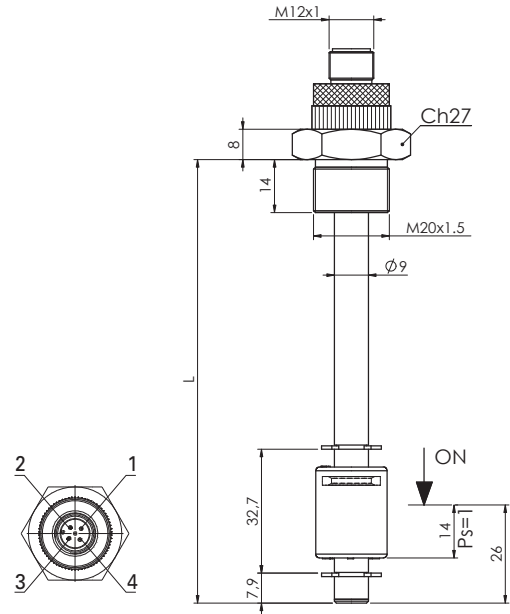
C	L 1 mm
	L 2 mm
	L 3 mm
	L 4 mm
P39D ● - L1 - L2 - L3 - L4	
● = L. tot.	
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down	

请联系Euroswitch，了解定制版本的相关信息（固定，浮球数量，布线，温度>100°C等）。
For customized versions (fixing, nr. of floats, wiring, temperature > 100°C, etc.) please contact Euroswitch.

使用范围	矿物油 - 汽油 - 水
固定	阳极氧化铝中的1号气体
杆	黄铜
浮球	丁腈橡胶
导师	磷青铜
O环	丁腈橡胶
触点类型	簧片 开 / 关 (SPDT)
开关最大容量	40 W
开关最大电流	1 A
开关最大电压	50 V
液体比重	> 0.7
工作温度	-20°C / +100°C

Use	Mineral oils - Fuels - Water
Fixing	1" Gas in anodised aluminium
Stem	Brass
Float	NBR
Seeger	Phosphorous bronze
O-Ring	NBR
Type of contact	Reed N.O./N.C. (SPDT)
Max switch. capacity	40 W
Max switch. current	1 A
Max switch. voltage	50 V
Fluid specific weight	> 0.7
Working temperature	-20°C / +100°C

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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零件代码 - PART NUMBER

1 — 2	1 C — 2 NC 3 NO
P40 ● - 100	P40 ● - 500
● 长度 Length mm	
100 / 200 / 300 / 400 / 500	

请联系Euroswitch，了解定制版本的相关信息（输出缆线、不同长度，材料等）。
For customized versions (output cable, different length, materials, etc.) please contact Euroswitch.

使用范围	矿物油 - 柴油 - 汽油 水 - 洗涤剂
固定杆	M20x1.5 (其他根据要求提供)
浮球	黄铜
连接器	丁腈橡胶
触点类型	M12x1
开关最大容量	簧片 开 / 关 (可要求 SPDT)
开关最大电流	10 W (3 W SPDT)
开关最大电压	0.5 A (0.25 A SPDT)
液体比重	50 V
工作温度	> 0.7
	-10°C / +100°C

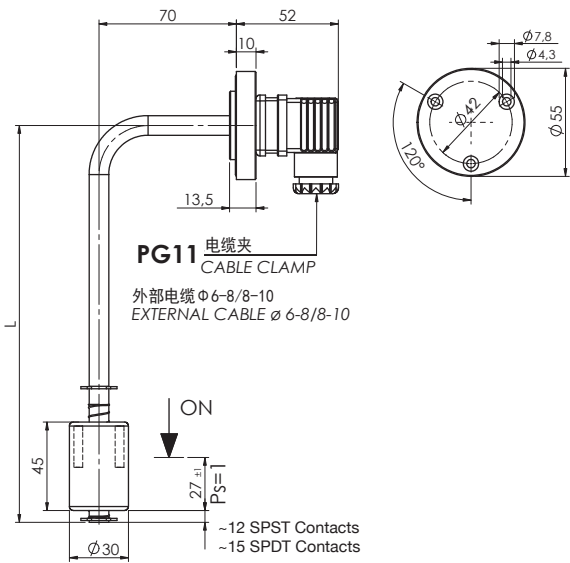
Use	Mineral oils - Diesel fuel - Petrol Water - detergents
Fixing	M20x1.5 (other on request)
Stem	Brass
Float	NBR
Connector	M12x1
Type of contact	Reed N.O./N.C. (on request SPDT)
Max switch. capacity	10 W (3 W SPDT)
Max switch. current	0.5 A (0.25 A SPDT)
Max switch. voltage	50 V
Specific liquid weight	> 0.7
Working temperature	-10°C / +100°C

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
企业保留修改产品技术参数或随时停产的权力，恕不另行通知。The Company reserves the right to modify the technical features of the products or halt production at any time without notice.

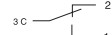
电磁液位传感器
ELECTROMAGNETIC LEVEL SENSOR

PG30

 ATEX版本可根据要求提供
Version ATEX available on request



零件代码 - PART NUMBER

长度 Length mm	1  2	3 C  2 NC 1 NO
103	PG30103 - 100	PG30103 - 500
200	PG30200 - 100	PG30200 - 500
250	PG30250 - 100	PG30250 - 500
300	PG30300 - 100	PG30300 - 500
350	PG30350 - 100	PG30350 - 500

翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down	SPDT触电 - SPDT Contact
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请联系我们的客服部门，了解定制版本的相关信息（长度、温度>100°C等）。
For customized versions (length, temperature > 100°C, etc.) please contact our Customer Service.

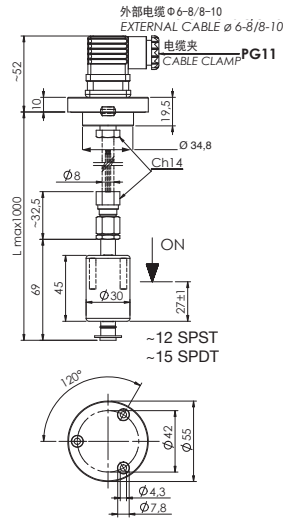
使用范围	矿物油 - 汽油
安装	侧面
固定	3孔铝质法兰
杆	黄铜
浮球	尼龙泡沫 (压力大于1bar, 浮球材料建议采用丁腈橡胶)
导师	磷青铜
O环	丁腈橡胶
触点类型	簧片 开 / 关 (SPDT)
开关最大容量	80 W (50 W SPDT)
开关最大电流	1 A (1 A SPDT)
开关最大电压	250 Vac (220 Vac SPDT)
保护等级	IP65
连接器	UNI EN 175301-803 (DIN43650)
液体比重	> 0.75
工作温度	-20°C / +100°C
重量	~ 180 gr

Use	Mineral oils - Fuels
Mounting	Lateral
Fixing	3-hole aluminium flange
Stem	Brass
Float	Foamed nylon (for pressure > 1 bar use NBR float)
Seeger	Phosphorous bronze
O-Ring	NBR
Type of contact	Reed N.O./N.C. (SPDT)
Max switch. capacity	80 W (50 W SPDT)
Max switch. current	1 A (1 A SPDT)
Max switch. voltage	250 Vac (220 Vac SPDT)
Protection degree	IP65
with connector	according to UNI EN 175301-803 (DIN43650)
Fluid specific weight	> 0.75
Working temperature	-20°C / +100°C
Weight	~ 180 gr

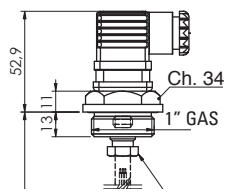
为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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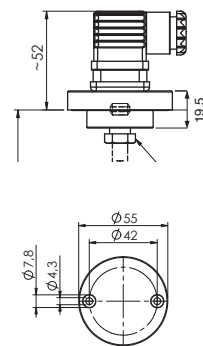
PK30



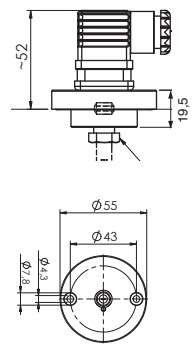
PK31



PK32



PK32P



零件代码 - PART NUMBER

法兰 - Flange	1	2	橙色 ORANGE	3 C	2 NC 关 棕色 / BROWN 1 NO 开 白色 / WHITE
3 孔 - 3 holes	PK30082 - 100	PK30082 - 500			
1" Gas	PK31082 - 100	PK31082 - 500			
2 孔 - 2 holes	PK32082 - 100	PK32082 - 500			

翻转浮球可切换关/开

The contact can be converted from N.C. to N.O. by rotating the float upside down

SPDT 触电 - SPDT Contact

客户可利用提供的固定件，通过一根直径为 8 x 6 mm 的黄铜管将传感器的两个部分连接起来，自行构建一个 PK 液位传感器。黄铜管必须由客户提供。必须用组装系统度接地装置进行紧固。
PK level sensor can be built by the customer connecting the two parts of the sensor with a brass tube 8 x 6 mm diameter, using the olive fittings provided. The tube must be provided by the customer. Grounding must be fasten by assembling system

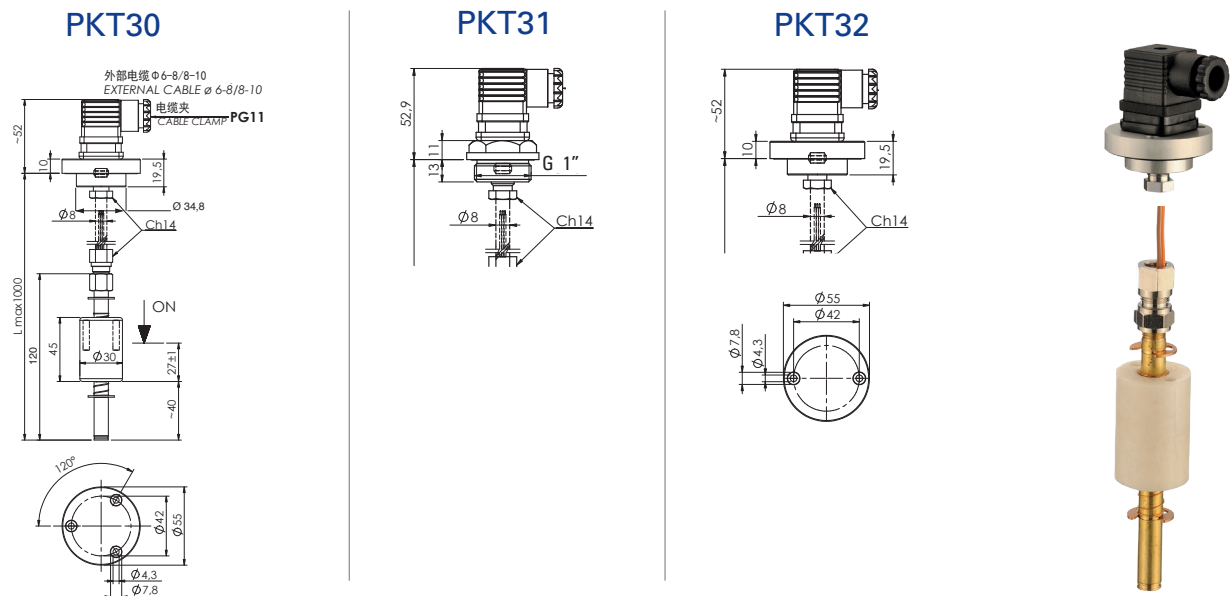
请联系我们的客服部门，了解定制版本的相关信息（温度 > 100°C 等）。

For customized versions (temperature > 100°C, etc.) please contact our Customer Service.

使用范围	矿物油 - 汽油 - 水
固定	PK 30 3孔铝质法兰 PK 31 1" 气铝螺纹 PK 32 2孔铝质法兰
浮球	尼龙泡沫 (压力大于1bar, 浮球材料建议采用丁腈橡胶)
导师	磷青铜
触点类型	簧片 开 / 关 (SPDT)
开关最大容量	80 W (50 W SPDT)
开关最大电流	1 A (1 A SPDT)
开关最大电压	250 Vac (220 Vac SPDT)
保护等级	IP65
连接器	UNI EN 175301-803 (DIN43650)
液体比重	> 0.75
工作温度	-20°C / +100°C
重量	~ 220 gr

Use	Mineral oils - Fuels - Water
Fixing	PK 30 3 holes aluminium flange PK 31 1" gas aluminium thread PK 32 2 holes aluminium flange
Float	Foamed nylon (for pressure > 1 bar use NBR float)
Seeger	Phosphorous bronze
Type of contact	Reed N.O./N.C. (SPDT)
Max switch. capacity	80 W (50 W SPDT)
Max switch. current	1 A (1 A SPDT)
Max switch. voltage	250 Vac (220 Vac SPDT)
Protection degree	IP65
with connector	according to UNI EN 175301-803 (DIN43650)
Fluid specific weight	> 0.75
Working temperature	-20°C / +100°C
Weight	~ 220 gr

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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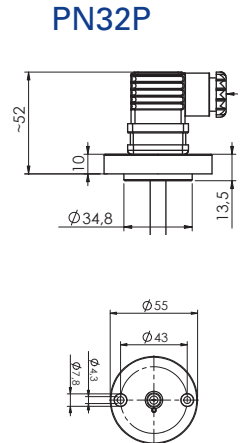
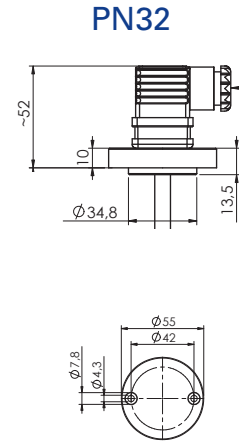
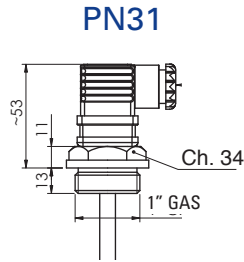
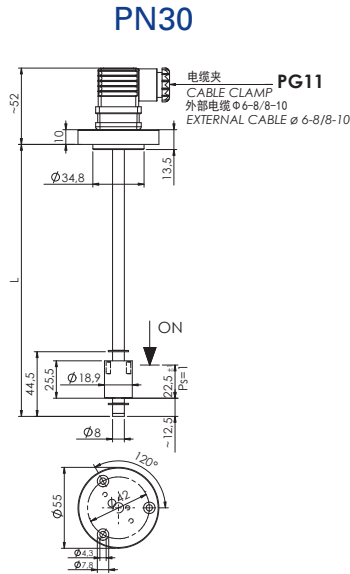
法兰 - Flange	零件代码 - PART NUMBER
	3 C 橙色 ORANGE 2 LIVELLO 液位 白色 / WHITE 1 TERMOSTATO 恒温器 棕色 / BROWN
3 孔 - 3 holes	PKT30082 - ABB
1" Gas	PKT31082 - ABB
2 孔 - 2 holes	PKT32082 - ABB
A = 温度开关的电触点 Thermostat electric contact 1 = N.O. 2 = N.C.	
BB = 温度开关的温度°C Thermostat temperature in °C 40/50/60/70/80°C	
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down	
客户可利用提供的固定件，通过一根直径为8 x 6 mm的黄铜管将传感器的两个部分连接起来，自行构建一个PK液位传感器。黄铜管必须由客户提供。必须用组装系统度接地装置进行紧固。 PK level sensor can be built by the customer connecting the two parts of the sensor with a brass tube 8 x 6 mm diameter, using the olive fittings provided. The tube must be provided by the customer. Grounding must be fasten by assembling system	

请联系我们的客服部门，了解定制版本的相关信息（温度>100°C等）。
For customized versions (temperature > 100°C, etc.) please contact our Customer Service.

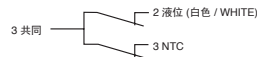
使用范围	矿物油 - 汽油 - 水
固定	阳极氧化铝
浮球	尼龙泡沫 (压力大于1bar, 浮球材料建议采用丁腈橡胶)
导师	磷青铜
触点类型	簧片 开 / 关 (SPDT) - 恒温器
开关最大容量	80 W (50 W SPDT)
开关最大电流	1 A (1 A SPDT)
开关最大电压	250 Vac (220 Vac SPDT)
保护等级	IP65
连接器	UNI EN 175301-803 (DIN43650)
液体比重	> 0.75
工作温度	-20°C / +100°C
重量	~ 220gr

Use	Mineral oils - Fuels - Water
Fixing	Anodised aluminium
Float	Foamed nylon (for pressure > 1 bar use NBR float)
Seeger	Phosphorous bronze
Type of contact	Reed N.O./N.C. (SPDT) - Thermostat
Max switch. capacity	80 W (50 W SPDT)
Max switch. current	1 A (1 A SPDT)
Max switch. voltage	250 Vac (220 Vac SPDT)
Protection degree	IP65
with connector	according to UNI EN 175301-803 (DIN43650)
Fluid specific weight	> 0.75
Working temperature	-20°C / +100°C
Weight	~ 220 gr

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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零件代码 - PART NUMBER



无液体 - 环境温度 without liquid - ambient temperature

PN3 ▲ ● - NTC

▲ 固定	Fixing	● 长度 Length mm
0 3孔法兰固定	3 holes flanged	以50mm的倍数 Multiple of 50 mm
1 螺纹 1" GAS	1" G Thread	150 - 200 - 250 - 300 mm
2 2孔法兰固定 Ø 42 mm	2 holes flanged Ø 42 mm	
2P 2孔法兰固定 Ø 43 mm	2 holes flanged Ø 43 mm	

NTC=传感器的欧姆值 NTC = Ohm value of sensor

请联系我们的客服部门，了解定制版本的相关信息（长度、温度>100℃、电压>50V等）。

For customized versions (length, temp. > 100°C, voltage > 50 V, etc.) please contact our Customer Service.

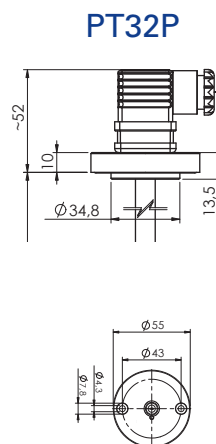
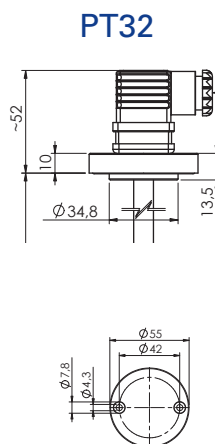
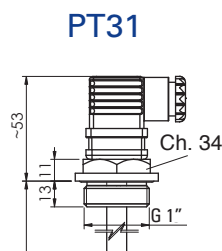
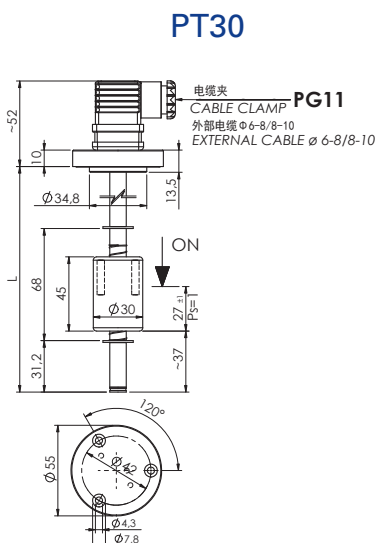
使用范围	矿物油 - 汽油 - 水
固定	阳极氧化铝
杆	防腐蚀铝
浮球	尼龙泡沫 (压力大于1bar, 浮球材料建议采用丁腈橡胶)
导师	磷青铜
触点类型	
开关最大容量	20 W
开关最大电流	1 A
开关最大电压	< 50 Vac
保护等级	IP65
连接器	UNI EN 175301-803 (DIN43650)
液体比重	> 0.75
工作温度	-20°C / +100°C
NTC传感器	可根据要求提供

Use	Mineral oils - Fuels - Water
Connection	Anodised aluminium
Stem	Anticorodal aluminium
Float	Foamed nylon (for pressure > 1 bar use NBR float)
Seeger	Phosphorous bronze
Type of contact	Reed N.O. / N.C. - NTC
Max reed switch. capacity	20 W
Max reed switch. current	1 A
Max reed switch. voltage	<50 Vac
Protection degree	IP65
with connector	according to UNI EN 175301-803 (DIN43650)
Fluid specific weight	> 0.75
Working temperature	-20°C / +100°C
NTC Sensor	on request

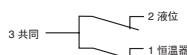
为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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温控电磁液位传感器+温度开关 ELECTROMAGNETIC LEVEL SENSOR WITH THERMOSTAT

PT



零件代码 - PART NUMBER



PT3 ▲ ● - ABB

▲ 固定	Fixing	● 长度 Length mm
0 3孔法兰固定	3 holes flanged	以50mm的倍数 Multiple of 50 mm
1 螺纹 1" GAS	1" G Thread	
2 2孔法兰固定 Ø 42 mm	2 holes flanged Ø 42 mm	150 - 200 - 250 - 300 - 350
2P 2孔法兰固定 Ø 43 mm	2 holes flanged Ø 43 mm	400 - 450 - 500 mm

A = 恒温器的电触点 Thermostat electric contact	1 = N.O. 2 = N.C.
BB = 恒温器的温度 °C Thermostat temperature in °C	40/50/60/70/80 °C

翻转浮球可切换关/开

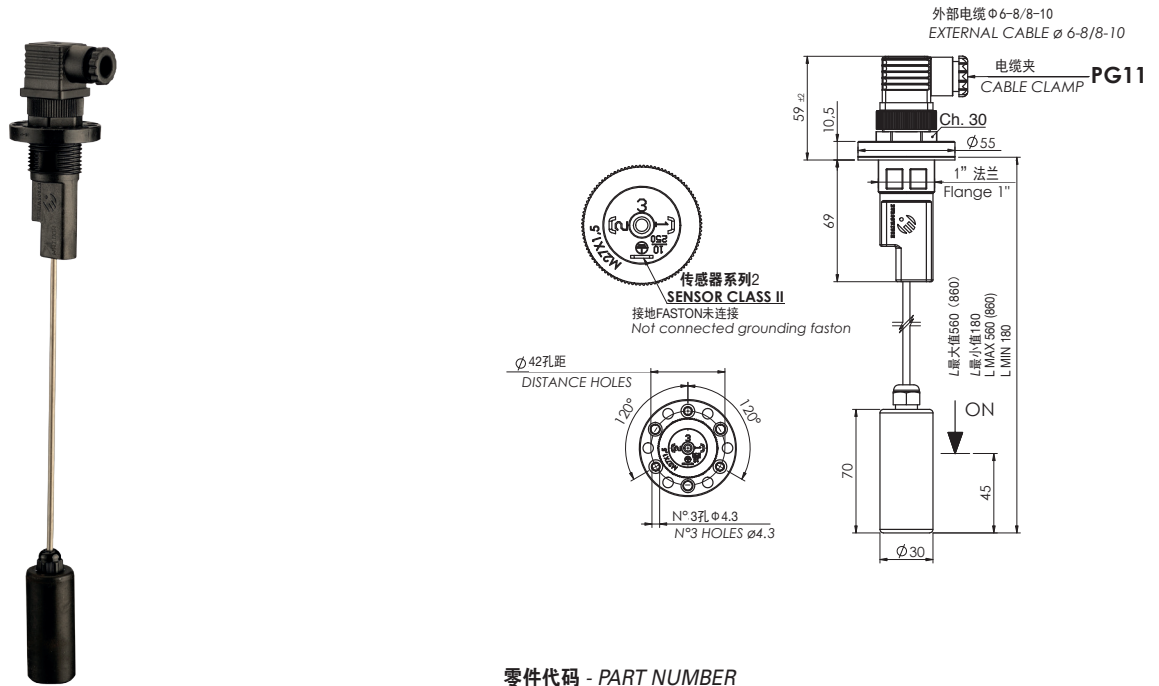
The contact can be converted from N.C. to N.O. by rotating the float upside down

请联系我们的客服部门，了解定制版本的相关信息（长度、温度>100°C等）。
For customized versions (length, temperature > 100°C, etc.) please contact our Customer Service.

使用范围	矿物油 - 汽油 - 水
固定	阳极氧化铝
杆	黄铜
浮球	尼龙泡沫 (压力大于1bar, 浮球材料建议采用丁腈橡胶)
导师	磷青铜
O环	丁腈橡胶
触点类型	簧片 开 / 关 - 恒温器
开关最大容量	80 W
开关最大电流	1 A
开关最大电压	250 Vac
保护等级	IP65
连接器	UNI EN 175301-803 (DIN43650)
液体比重	> 0.75
工作温度	-20°C / +100°C

Use	Mineral oils - Fuels - Water
Fixing	Anodised aluminium
Stem	Brass
Float	Foamed nylon (for pressure > 1 bar use NBR float)
Seeger	Phosphorous bronze
O-Ring	NBR
Type of contact	Reed N.A./N.C. - Thermostat
Max switch. capacity	80 W
Max switch. current	1 A
Max switch. voltage	250 Vac
Protection degree	IP65
with connector	according to UNI EN 175301-803 (DIN43650)
Fluid specific weight	> 0.75
Working temperature	-20°C / +100°C

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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零件代码 - PART NUMBER

长度 /Length mm	1 — 2	3 C — 2 NC 1 NO
L = 560	IMM500 - 100	IMM500 - 500
L = 860	IMM860 - 100	IMM860 - 500

模块化液位传感器带有可调整的液位显示器，从最低180毫米一直到560毫米（860毫米）。只需将连杆裁切到所需长度并用推入装置系统将其固定，就可以调节干预点。利用法兰2、3或开孔6与1"的螺纹就可以将其固定。由于磁铁位于传感器上方且不接触液体，也可以将其用于含铁粒子的流体中。

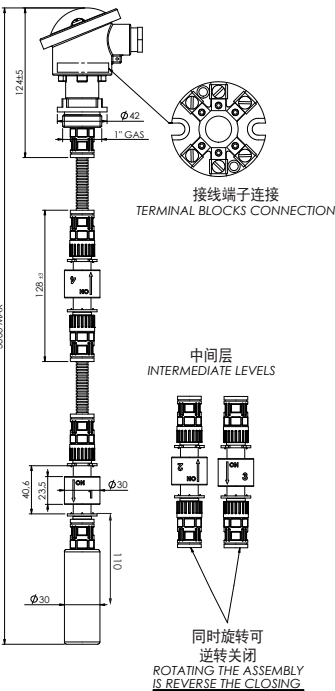
Modular level sensor with adjustable indication level from minimum 180mm up to 560mm (860mm). The intervention point can be adjusted just by cutting the rod off to the required length and securing it with the push in fitting system. Can be fixed using flange with 2, 3 or 6 holes and also with thread 1". Can also be used in fluids with ferrous particles because the magnet is at the top of the sensor and does not come into contact with the liquid.

使用范围	矿物油 - 汽油
固定	2-3-6孔尼龙法兰 G 1"螺纹
杆	Aisi 316L不锈钢
浮球	丁腈橡胶
垫圈	氟橡胶
触点类型	簧片 SPST/SPDT
开关最大容量	80 W (50W SPDT)
开关最大电流	1 A
开关最大电压	250 Vac - (220 Vac SPDT) 24 Vdc (24W 1A) 110 Vdc (50W 0.45A)
保护等级	IP65
连接器	UNI EN 175301-803 (DIN43650)
液体比重	> 0.85 L max
工作温度	-15°C/+100°C
重量	~ gr 145

Use	Mineral oils - Fuels
Fixing	2 - 3 - 6 holes Nylon flange G 1" thread
Stem	Stainless steel aisi 316L
Float	NBR
Gasket	Viton
Type of contact	Reed SPST/SPDT
Max switch. capacity	80 W (50W SPDT)
Max switch. current	1 A
Max switch. voltage	250 Vac - (220 Vac SPDT) 24 Vdc (24W 1A) 110 Vdc (50W 0.45A)
Protection degree	IP65
with connector	according to UNI EN 175301-803 (DIN43650)
Fluid specific weight	> 0.85 with L max
Working temperature	-15°C/+100°C
Weight	~ gr 145

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16. 企业保留修改产品技术参数或随时停产的权力，恕不另行通知。The Company reserves the right to modify the technical features of the products or halt production at any time without notice.

模块化电磁液位传感器
MODULAR COMPONIBLE ELECTROMAGNETIC LEVEL SENSOR



零件代码 - PART NUMBER

n° 开关数量 n° of switches	1 — 2
1	IMK021 - 101
2	IMK021 - 102
3	IMK021 - 103
4	IMK021 - 104
5	IMK021 - 105

* 翻转浮球可切换关/开
* The contact can be converted from N.C. to N.O. by rotating the float upside down excluding minimum level



只需凭借一根软管，用推入装置将多个模块相继连接起来，就可快速组成一个多级（1-5）磁性传感器。全部操作可以用手完成到所需长度。借助这一极其灵活的管系统，就可以将长传感器存储在简约空间中。

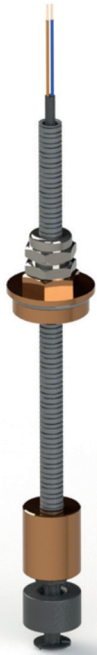
This system can be used to make up a multi-level (1-5) magnetic sensor very quickly merely by connetting the modules in succession with a push-in fitting using a hose pipe. The entire operation can be done by hand to the desired length. With this extremely flexible tube system long sensors can be stored in a reduced space.

请联系Euroswitch，了解定制版本的相关信息。
Please contact Euroswitch for further information on the versions available.

使用范围	矿物油 - 汽油
杆	尼龙
固定	1" gas法兰
软管	尼龙
浮球	丁腈橡胶
保护等级	IP65
液体比重	> 0.6
导师	尼龙
连接	尼龙
电气连接	接线端子DINB
触点类型	簧片
配重	AISI 303 - h 80
开关最大容量	12 W/VA
开关最大电流	1A
开关最大电压	< 50
工作温度	-10/+80°C

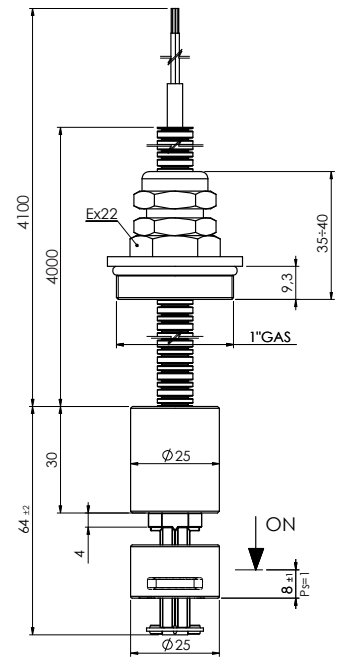
Use	Mineral oils - Fuel
Stem	Nylon
Fixing	1" gas Al flange
Flexible tube	Nylon
Float	NBR
Protection degree	IP65
Fluid specific weight	> 0.6
Seeger	Nylon
Connection	Nylon
Electrical connection	Terminal blocks DINB
Type of contact	Reed
Counterweight	AISI 303 - h 80
Max switch. capacity	12 W/VA
Max switch. current	1A
Max switch. voltage	< 50
Working temperature	-10/+80°C

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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CODICE - PART NUMBER

	橙色或黑色 ORANGE OR BLACK	关 白色或蓝色 NC WHITE OR BLUE 开 棕色 / NO BROWN
IMK221 - 100		
Per passare da N.C. a N.A. è sufficiente capovolgere il galleggiante The contact can be converted from N.C. to N.O. by rotating the float upside down		Contatto SPDT - SPDT Contact
Il collegamento a terra deve essere garantito dal sistema di montaggio Grounding must be fasten by assembling system		



您只需在连接管内滑动波纹管，然后使用管压机将其锁定，该系统即可将干预点更改为最高4米的高度。
有一个配重，以确保浮动模块在水箱内部的垂直位置。我们建议将其用于静态应用程序（不移动）

*This system is used to change the tripping point up to a height of 4 m, by just sliding the corrugated pipe inside the fitting and lock it in position using the pipe clamp.
A counterweight inside the tank holds the floating unit in the vertical position.
Recommended for use in static, not dynamic, applications.*

请联系Euroswitch，了解定制版本的相关信息（长度、温度>100°C等）。
使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。

For customized versions (length, temperature > 100°C, etc.) please contact Euroswitch.

When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.

使用范围	矿物油 - 柴油 - 石化油
杆	尼龙
固定	G 1" 黄铜
波纹软管	L=4mt PVC
浮球	丁腈橡胶
液体比重	> 0,7
螺帽	尼龙
电气连接	2 x 0,2 mm ²
触点类型	簧片 开 / 关 (SPDT)
配重	黄铜
O环	丁腈橡胶
开关最大容量	40 W - (3 W SPDT)
开关最大电流	1 A - (0,25 A SPDT)
开关最大电压	50 V
工作温度	-10°C / +100°C

Use	Mineral Oils - Diesel fuel - Petrol
Stem	Nylon
Fixing	G 1" brass
Corrugated flexible tube	L=4mt PVC
Float	NBR
Fluid specific weight	> 0,7
Nut	Nylon
Electrical connect	2 x 0,2 mm ²
Type of contact	Reed N.O./ N.C. (SPDT)
Counterweight	Brass
O-Ring	NBR
Max switch. capacity	40 W - (3 W SPDT)
Max switch. current	1 A - (0,25 A SPDT)
Max switch. voltage	50 V
Working temperature	-10°C / +100°C

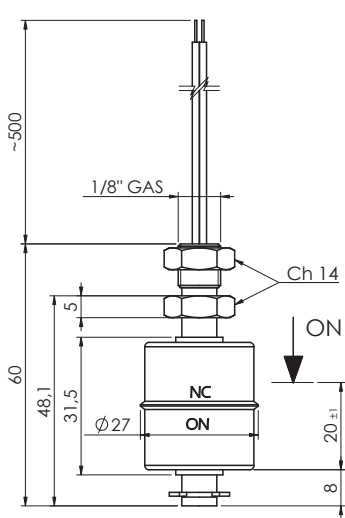
为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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电磁液位传感器
ELECTROMAGNETIC LEVEL SENSOR



Ex ATEX版本可根据要求提供
ATEX version available on request

HT 高温版本可根据要求提供
High Temperature version available on request



零件代码 - PART NUMBER

1 — 2	黑色 / C BLACK — 关 蓝色 / NC BLUE 开 棕色 / NO BROWN
IMP060 - 100	IMP060 - 500
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down	SPDT触电 - SPDT Contact
装配系统应将地装置紧固 Grounding must be fasten by assembling system	

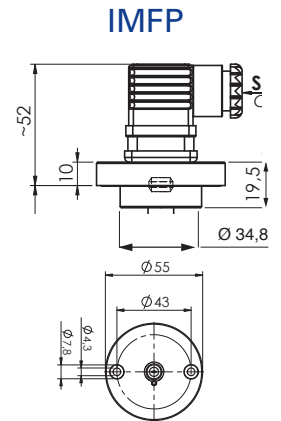
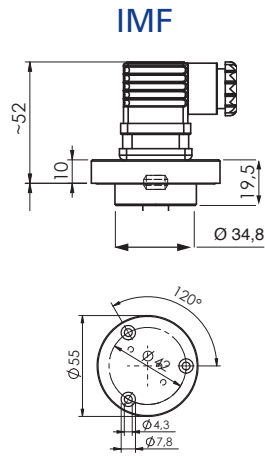
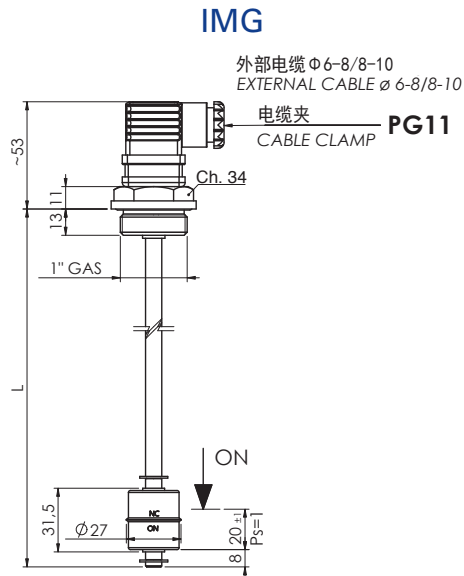
请联系我们的客服部门，了解定制版本的相关信息（缆线类型、温度>100℃等）。
使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。

For customized versions (type of cable, temperature > 100°C, etc.) please contact our Customer Service.
When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.

使用范围	水 - 油 - 酸液 - 汽油 (要求使用食品级液体)
固定	1/8" gas
杆	Aisi 304不锈钢
浮球	Aisi 316不锈钢
螺帽	Aisi 304不锈钢
导师	Aisi 316不锈钢
输出线	500 mm (其他根据要求提供)
触点类型	簧片 开 / 关 (SPDT)
开关最大容量	40W (3W SPDT)
开关最大电流	1A (0.25A SPDT)
开关最大电压	250 Vac (50V SPDT)
液体比重	> 0.8
工作温度	-20°C / +100°C (HT -20°C / +200°C)
重量	~ 35 gr

Use	Water - Oil - Acids - Fuels (Alimentary liquids on request)
Fixing	1/8" gas
Stem	Stainless steel aisi 304
Float	Stainless steel aisi 316
Nut	Stainless steel aisi 304
Seeger	Stainless steel aisi 316
Wiring output	500 mm (Others on request)
Type of contact	Reed N.O./N.C. (SPDT)
Max switch. capacity	40W (3W SPDT)
Max switch. current	1A (0.25A SPDT)
Max switch. voltage	250 Vac (50V SPDT)
Fluid specific weight	> 0.8
Working temperature	-20°C / +100°C(HT -20°C / +200°C)
Weight	~ 35 gr

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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ATEX版本可根据要求提供
ATEX version available on request高温版本可根据要求提供
High Temperature version available on request

零件代码 - PART NUMBER

1 — 2	3 C — 2 NC 1 NO
IM ▲ ● - 100	IM ▲ ● - 500
▲ 固定 F 3孔法兰固定 G 1" GAS螺纹接头 FP 2孔法兰固定 Ø 43 mm	Fixing 3 holes flanged 1" G Thread 2 holes flanged Ø 43 mm ● 长度 Length mm 100 350 150 400 200 450 250 500 300

翻转浮球可切换关/开

The contact can be converted from N.C. to N.O. by rotating the float upside down

请联系Euroswitch, 了解定制版本的相关信息 (不同长度、温度>100°C等)。

For customized versions (different length, temperature > 100°C, etc.) please contact Euroswitch.

使用范围	水 - 油 - 酸液 - 汽油 (要求使用食品级液体)
固定	AISI 304 (316 可根据要求提供)
杆	Aisi 304不锈钢 (316 可根据要求提供)
浮球	Aisi 316不锈钢
导师	Aisi 316不锈钢
O环	丁腈橡胶
触点类型	簧片 开 / 关 (SPDT)
开关最大容量	40 W (3W SPDT)
开关最大电流	1A (0.25A SPDT)
开关最大电压	< 250 Vac (50V SPDT)
保护等级	IP65
连接器	UNI EN 175301-803 (DIN43650)
液体比重	> 0.8
工作温度	-20°C / +100°C (HT -20°C / +200°C)
重量	~ 220 gr (L=100 mm)

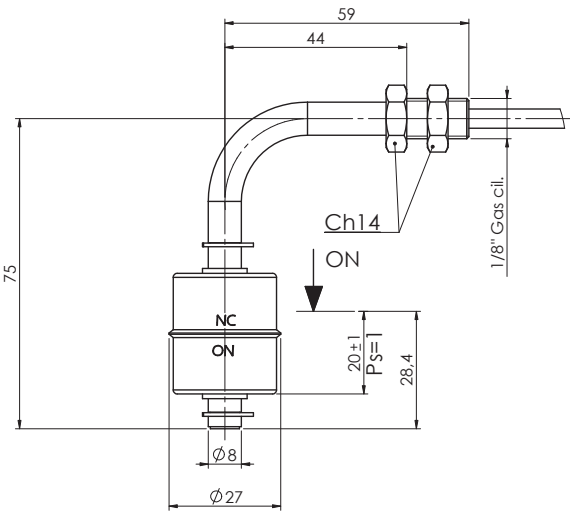
Use	Water - Oil - Acids - Fuels (Alimentary liquids on request)
Fixing	AISI 304 (316 on request)
Stem	Stainless steel aisi 304 (316 on request)
Float	Stainless steel aisi 316
Seeger	Stainless steel aisi 316
O-Ring	NBR
Type of contact	Reed N.O./N.C. (SPDT)
Max switch. capacity	40 W (3W SPDT)
Max switch. current	1A (0,25A SPDT)
Max switch. voltage	< 250 Vac (50V SPDT)
Protection degree	IP65
with connector	according to UNI EN 175301-803 (DIN43650)
Fluid specific weight	> 0.8
Working temperature	-20°C / +100°C (HT -20°C / +200°C)
Weight	~ 220 gr (L=100 mm)

为了正确使用, 请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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电磁液位传感器
ELECTROMAGNETIC LEVEL SENSOR

IMPG

HT 高温版本可根据要求提供
High Temperature version available on request



零件代码 - PART NUMBER

黑色 BLACK 黑色 BLACK	黑色 / C BLACK 关 蓝色 / NC BLUE 开 棕色 / NO BROWN
IMPG075 - 100	IMPG075 - 500
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down	SPDT触电 - SPDT Contact
装配系统应将地接装置紧固 Grounding must be fastened by assembling system	

使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。
请联系Euroswitch，了解定制版本的相关信息（不同长度、温度>100℃等）。

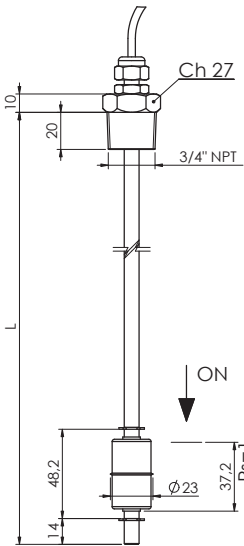
When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals
For customized versions (different length, temperature > 100°C, etc.) please contact Euroswitch.

使用范围	水 - 油 - 酸液 - 汽油 (要求使用食品级液体)
固定	G 1/8" 圆柱形
杆	Aisi 304不锈钢 (316 可根据要求提供)
螺帽	Aisi不锈钢
浮球	Aisi 316不锈钢
导师	Aisi 316不锈钢
电气连接	缆线可根据要求提供
触点类型	簧片 开 / 关 (SPDT)
开关最大容量	40 W (3W SPDT)
开关最大电流	1A (0.25A SPDT)
开关最大电压	< 250 Vac (50V SPDT)
液体比重	> 0.8
工作温度	-20°C / +100°C (HT -20°C / +200°C)

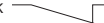
Use	Water - Oil - Acids - Fuels (Alimentary liquids on request)
Fixing	G 1/8" cylindrical
Stem	Stainless steel aisi 304 (316 on request)
Nut	Stainless steel aisi
Float	Stainless steel aisi 316
Seeger	Stainless steel aisi 316
Electrical connection	Cable on request
Type of contact	Reed N.O./N.C. (SPDT)
Max switch. capacity	40 W (3W SPDT)
Max switch. current	1A (0.25A SPDT)
Max switch. voltage	< 250 Vac (50V SPDT)
Fluid specific weight	> 0.8
Working temperature	-20°C / +100°C (HT -20°C / +200°C)

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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HT 高温版本可根据要求提供
High Temperature version available on request



零件代码 - PART NUMBER

黑色 BLACK  黑色 BLACK	黑色 / C BLACK  关 蓝色 / NC BLUE 开 棕色 / NO BROWN
P38 ● - 100	P38 ● - 500
● 长度 <i>Length mm</i> = 150 - 200 - 250 - 300 - 350 - 400 - 450 - 500	
翻转浮球可切换关/开 <i>The contact can be converted from N.C. to N.O. by rotating the float upside down</i>	SPDT触电 - <i>SPDT Contact</i>
装配系统应将地接装置紧固 <i>Grounding must be fasten by assembling system</i>	

使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。
请联系Euroswitch，了解定制版本的相关信息（不同长度、温度>100℃等）。

When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals
For customized versions (different length, temperature > 100°C, etc.) please contact Euroswitch.

使用范围	水 - 酸液 (要求使用食品级液体)
固定杆	3/4" NPT AISI 304 (316 可根据要求提供)
浮球	Aisi 304 不锈钢 (316 可根据要求提供)
导师	Aisi 316 不锈钢
电气连接	缆线可根据要求提供
触点类型	簧片 开 / 关 (SPDT)
开关最大容量	40 W (3W SPDT)
开关最大电流	1A (0.25A SPDT)
开关最大电压	< 250 Vac (50V SPDT)
液体比重	> 0.95
工作温度	-20°C / +100°C (HT -20°C / +200°C)

Use	Water - Acids (Food-grade liquids on request)
Fixing	3/4" NPT AISI 304 (316 on request)
Stem	Stainless steel aisi 304 (316 on request)
Float	Stainless steel aisi 316
Seeger	Stainless steel aisi 316
Electrical connection	Cable on request
Type of contact	Reed N.O./N.C. (SPDT)
Max switch. capacity	40 W (3W SPDT)
Max switch. current	1A (0.25A SPDT)
Max switch. voltage	< 250 Vac (50V SPDT)
Fluid specific weight	> 0.95
Working temperature	-20°C / +100°C (HT -20°C / +200°C)

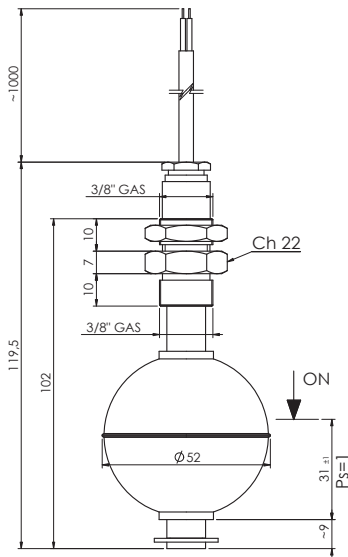
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电磁液位传感器
ELECTROMAGNETIC LEVEL SENSOR

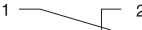
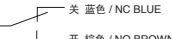


Ex ATEX版本可根据要求提供
ATEX version available on request

HT 高温版本可根据要求提供
High Temperature version available on request



零件代码 - PART NUMBER

	
IMS102 - 100	IMS102 - 500
翻转浮球可切换关/开 <i>The contact can be converted from N.C. to N.O. by rotating the float upside down</i>	SPDT触电 - <i>SPDT Contact</i>
装配系统应将地接装置紧固 <i>Grounding must be fasten by assembling system</i>	

请联系Euroswitch，了解定制版本的相关信息（缆线类型、温度>100℃等）。
使用非绝缘连接时，应采取必要的防范措施，以确保端子之间的最小安全距离。

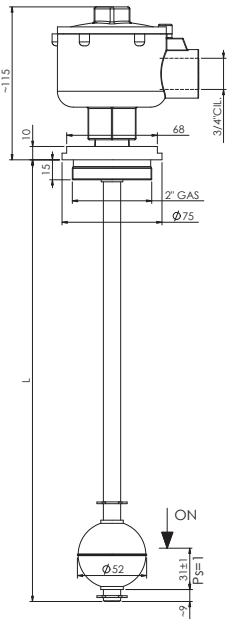
For customized versions (type of cable, temperature > 100°C, etc.) please contact our Customer Service.
When using non-insulated connections, the necessary precautions must be taken to ensure the minimum safety distance between the terminals.

使用范围	水 - 油 - 酸液 - 汽油 (要求使用食品级液体)
固定杆	3/8" gas aisi 304不锈钢
浮球	Aisi 304不锈钢
螺帽	Aisi 304不锈钢
导师	Aisi 316不锈钢
输出线	硅胶缆线 L=1000 mm
触点类型	簧片 开 / 关 (SPDT)
开关最大容量	80 W (50 W SPDT)
开关最大电流	1 A (1 A SPDT)
开关最大电压	250 Vac (220 Vac SPDT)
液体比重	> 0.80
工作温度	-20°C / +100°C (HT -20°C / +200°C)
重量	~ gr 120

Use	Water - Oil - Acids - Fuels (Food-grade liquids on request)
Fixing	3/8" gas stainless steel aisi 304
Stem	Stainless steel aisi 304
Float	Stainless steel aisi 316
Nut	Stainless steel aisi 304
Seeger	Stainless steel aisi 316
Wiring output	Silicon cable L=1000 mm
Type of contact	Reed N.O./N.C (SPDT)
Max switch. capacity	80 W (50 W SPDT)
Max switch. current	1 A (1 A SPDT)
Max switch. voltage	250 Vac (220 Vac SPDT)
Fluid specific weight	> 0.80
Working temperature	-15°C / +100°C (HT -20°C / +200°C)
Weight	~ gr 120

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 ATEX版本可根据要求提供
ATEX version available on request



零件代码 - PART NUMBER

黑色 BLACK 黑色 BLACK	黑色 / C BLACK 关 蓝色 / NC BLUE 开 棕色 / NO BROWN
IMDE ● - 100	IMDE ● - 500
● 长度 / Length mm = 100 ÷ 2000	
翻转浮球可切换关/开 The contact can be converted from N.C. to N.O. by rotating the float upside down	SPDT触电 - SPDT Contact
装配系统应将地装置紧固 Grounding must be fasten by assembling system	

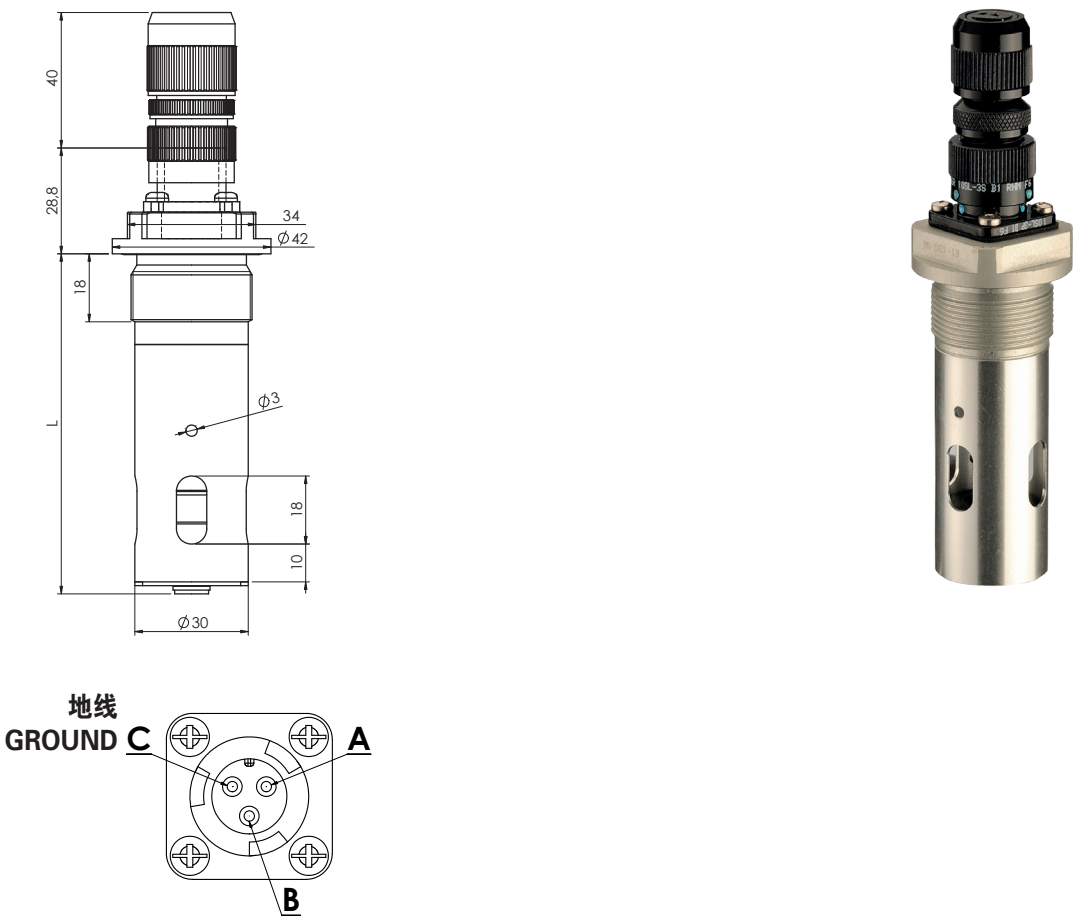
使用范围	水 - 油 - 酸液 - 汽油 (要求使用食品级液体)
固定	2" gas 不锈钢
杆	Aisi 304不锈钢
箱体	铝制
浮球	Aisi 316不锈钢
导师	Aisi 316不锈钢
触点类型	开 / 关
开关最大电流	0.5 A
开关最大电压	24 V
液体比重	> 0.80
工作温度	-20°C / +60°C
长度	可根据要求提供

Use	Water - Oil - Acids - Fuels (Food-grade liquids on request)
Fixing	2" gas stainless steel
Stem	Stainless steel aisi 304
Box	Alluminium
Float	Stainless steel aisi 316
Seeger	Stainless steel aisi 316
Type of contact	N.O./N.C
Max switch. current	0.5 A
Max switch. voltage	24 V
Fluid specific weight	> 0.80
Working temperature	-20°C / +60°C
Length	on request

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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面向重型操作的电磁液位传感器I
ELECTROMAGNETIC LEVEL SENSOR FOR HEAVY-DUTY OPERATIONS

AP0940

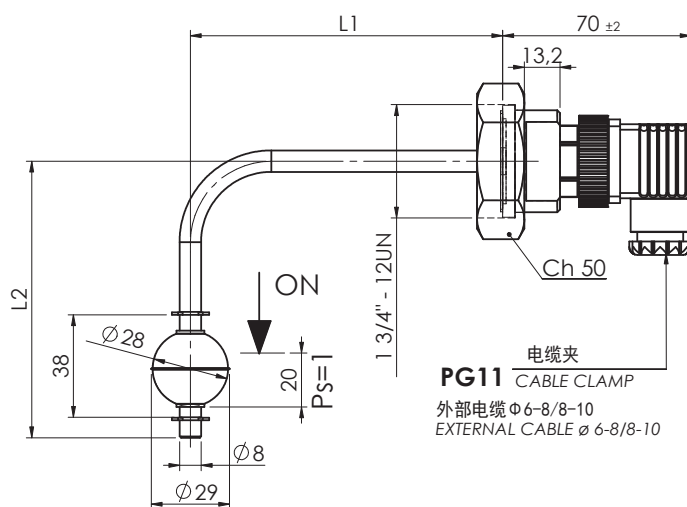


请联系Euroswitch，了解定制版本的相关信息（连接类型、长度等）。
For customized versions (type of electrical connections, length, etc.) please contact Euroswitch.

使用范围	油
固定	M32 x 1.5
杆	镀镍黄铜
稳定室	阳极氧化铝
浮球	丁腈橡胶
O环	氟橡胶
电气连接	卡口式连接器
触点类型	簧片 开 / 关
开关最大容量	20 W
开关最大电流	1 A
开关最大电压	200 Vdc
保护等级	IP 65
液体比重	> 0.75
工作温度	-40°C / +125°C
长度	L= 可根据要求提供
重量	~ gr 240 (L=165mm)

Use	Oils
Fixing	M32 x 1.5
Stem	Brass nichel-plating
Stabilized room	Aluminum Anodized
Float	NBR
O-Ring	Viton
Electrical connection	Bayonet connector
Type of contact	Reed N.O./N.C.
Max switch. capacity	20 W
Max switch. current	1A
Max switch. voltage	200 Vdc
Protection degree	IP 65
Fluid specific weight	> 0.75
Working temperature	-40°C/+125°C
Lengths	L= on request
Weight	~ gr 240 (L=165 mm)

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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零件代码 - PART NUMBER	L2	L1
AP1300 - 001	102	83
AP1300 - 003	200	83
AP1300 - 004	102	125

请联系Euroswitch，了解定制版本的相关信息（不同长度、固定件等）。
For customized versions (different length, fixing, etc.) please contact Euroswitch.

使用范围	制冷液体 - 油
固定	1 3/4" - 12 UN
杆	Aisi 316不锈钢
浮球	Aisi 316不锈钢
Seeger	Aisi 316不锈钢
触点类型	簧片 开 / 关 (SPDT)
开关最大容量	40 W (3W SPDT)
开关最大电流	1A (0.25A SPDT)
开关最大电压	250 Vac (50V SPDT)
保护等级	IP65
连接器	UNI EN 175301-803 (DIN43650)
液体比重	> 0.8
工作温度	+125°C (HT -20°C / +200°C)
最大压力	30 bar
长度	L1 L2 (可根据要求提供)

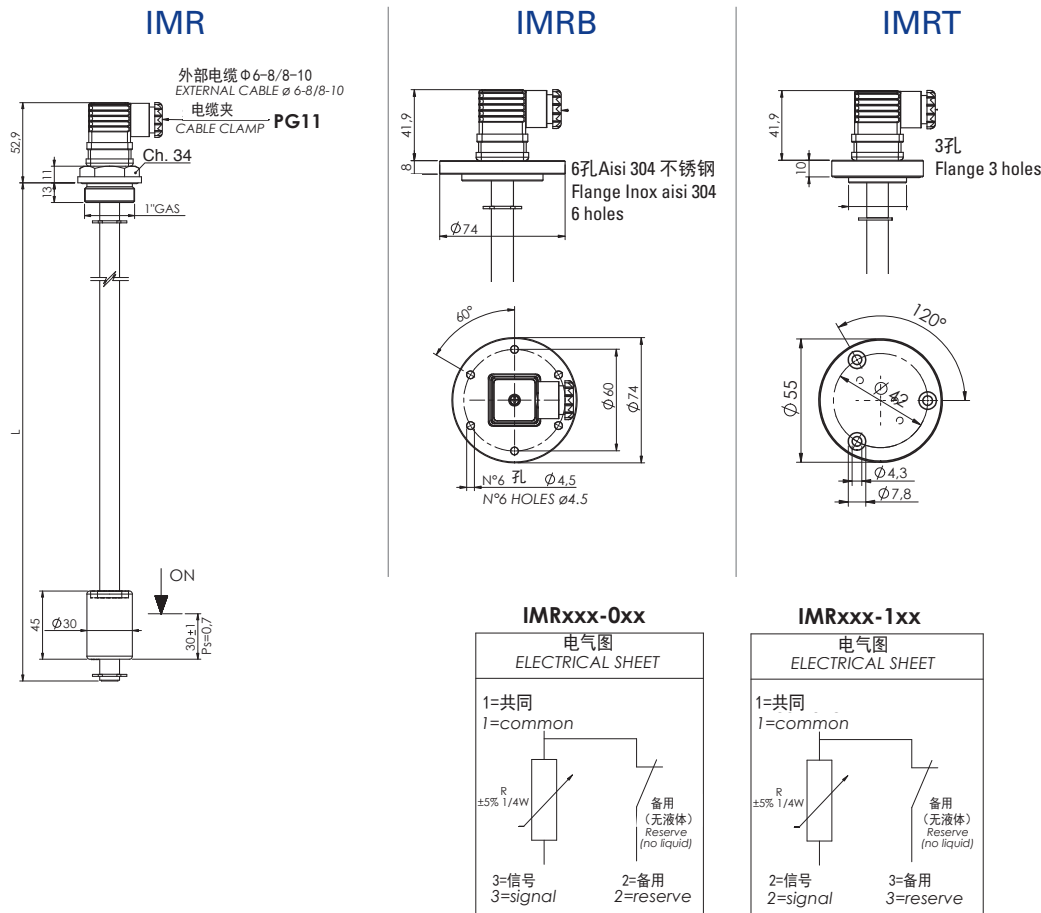
Use	Refrigerating fluids - Oils
Fixing	1 3/4" - 12 UN
Stem	Stainless steel aisi 316
Float	Stainless steel aisi 316
Seeger	Stainless steel aisi 316
Type of contact	Reed N.O./N.C. (SPDT)
Max switch. capacity	40 W (3W SPDT)
Max switch. current	1A (0.25A SPDT)
Max switch. voltage	250 Vac (50V SPDT)
Protection degree	IP65
with connector	according to UNI EN 175301-803 (DIN43650)
Fluid specific weight	> 0.8
Working temperature	+125°C (HT -20°C / +200°C)
Max pressure	30 bar
Lengths	L1 L2 (on request)

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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IMR-IMRB-IMRT

电磁电阻液位传感器

RESISTIVE ELECTROMAGNETIC LEVEL SENSOR



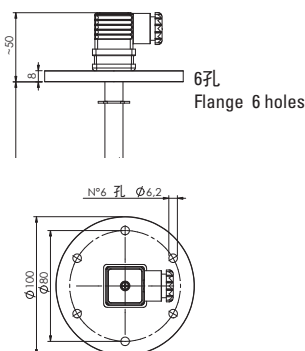
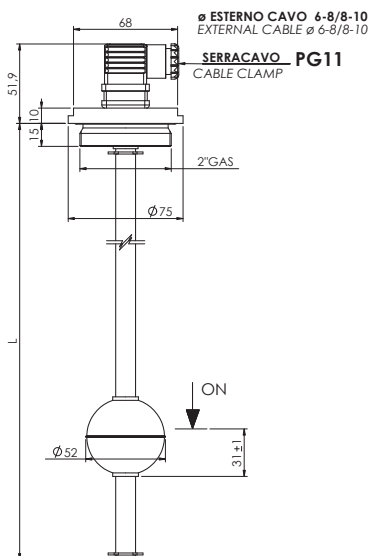
请联系我们的客服部门，了解定制版本的相关信息（长度、固定类型、输出电阻值、连接等）。

For customized versions (length, type of fixing, value resistance, electrical connection, etc.) please contact our customer service.

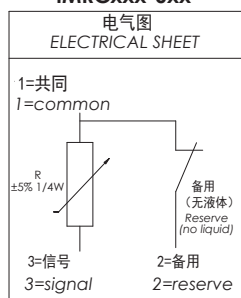
使用范围	水 - 矿物油 - 柴油 - 石化油
固定	IMR 阳极氧化铝
	IMRB - IMRT aisi 304不锈钢
杆	钢
浮球	丁腈橡胶 $\phi 30$ mm
导师	AISI 316
O环	丁腈橡胶
电气连接	IP65
连接器	UNI EN 175301-803 (DIN43650)
液体比重	> 0.6
工作温度	-10°C / +80°C
间距（分辨率）	10/20 mm
工作原理	见14页
输出信号	电阻值
I 类型	满 5÷7 ohms / 空 315÷330 ohms
II 类型	满 175÷180 ohms / 空 10÷7 ohms
长度	最小长度 = 100 mm 最大长度 = 2,000 mm

Use	Water - Mineral oils-Diesel fuel-Petrol
Fixing	IMR Anodized Aluminium
	IMRB - IMRT stainless steel aisi 304
Stem	Steel
Float	NBR $\phi 30$ mm
Seeger	AISI 316
O-Ring	NBR
Protection degree	IP65
with connector	according to UNI EN 175301-803 (DIN43650)
Fluid specific weight	> 0.6
Working temperature	-10°C / +80°C
Pitch (Resolution)	10/20 mm
Working principle	see page 14
Output signals	Resistance values
I type	full 5÷7 ohms / empty 315÷330 ohms
II type	full 175÷180 ohms / empty 10÷7 ohms
Length	Lmin = 100 mm Lmax = 2,000 mm

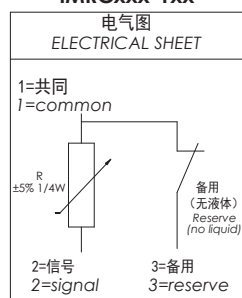
为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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IMRIxxx-0xx
IMRCxxx-0xx



IMRIxxx-1xx
IMRCxxx-1xx



请联系我们的客服部门，了解定制版本的相关信息（长度、固定类型、输出电阻值、电气连接等）。

For customized versions (length, type of fixing, value resistance, electrical connection, etc.) please contact our customer service.

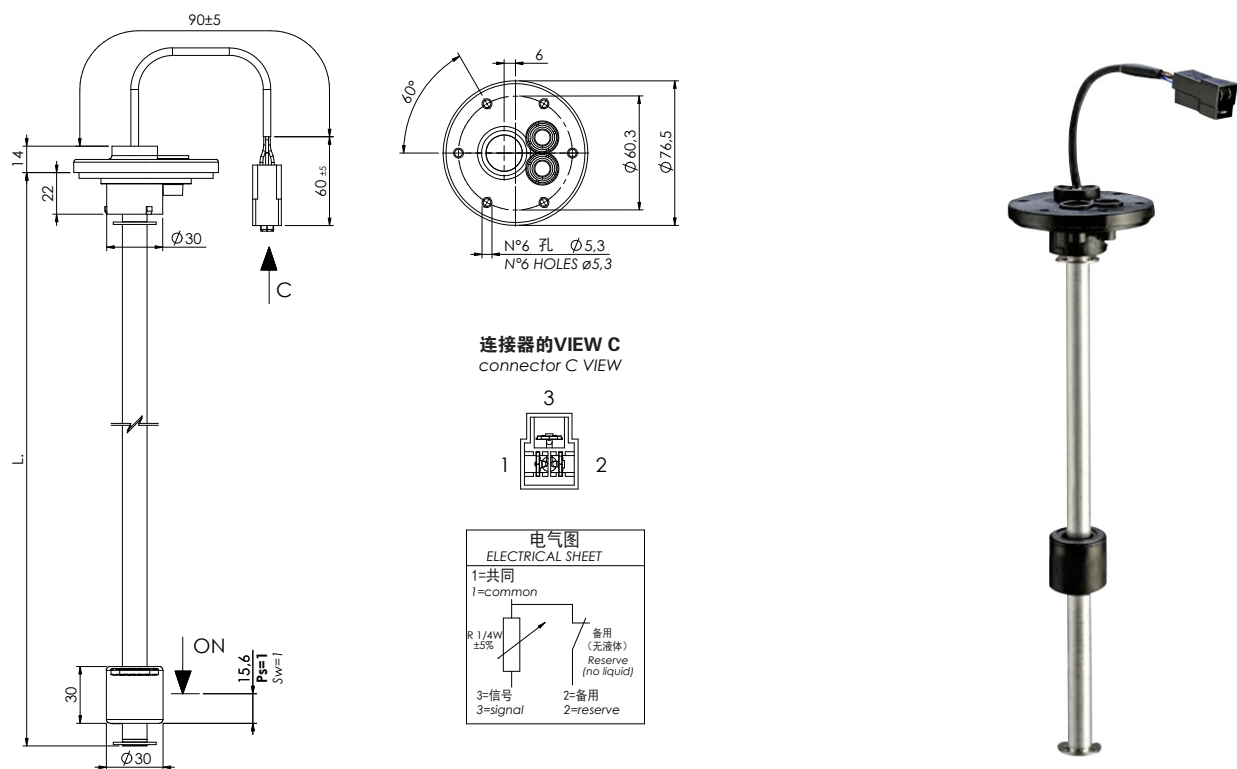
使用范围	水 - 油 - 酸液 - 汽油 (要求使用食品级液体)
固定	Aisi 304不锈钢
杆	Aisi 304不锈钢
浮球	Aisi 316不锈钢 Ø 52 mm
导师	Aisi 316不锈钢
O环	FKM
保护等级	IP65
连接器	UNI EN 175301-803 (DIN43650)
液体比重	> 0.8
工作温度	-10°C / +80°C
间距（分辨率）	10/20 mm
工作原理	见15页
输出信号	电阻值
I 类型	满 5÷7 ohms / 空 315÷330 ohms
II 类型	满 175÷180 ohms / 空 10÷7 ohms
长度	最小长度 = 100 mm 最大长度 = 2,000 mm

Use	Water - Mineral oils - Acids - Fuels (Food-grade liquids on request)
Connection	Stainless steel aisi 304 flange
Stem	Stainless steel aisi 304
Float	Inox aisi 316 Ø 52 mm
Seeger	Inox aisi 316
O-Ring	FKM
Protection degree	IP65
with connector	according to UNI EN 175301-803 (DIN43650)
Fluid specific weight	> 0.8
Working temperature	-10°C / +80°C
Pitch (Resolution)	10/20 mm
Working principle	see page 15
Output signals	Resistance values
I type	full 5÷7 ohms / empty 315÷330 ohm
II type	full 175÷180 ohms / empty 10÷7 ohms
Length	Lmin = 100 mm Lmax = 2,000 mm

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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电磁电阻液位传感器
RESISTIVE ELECTROMAGNETIC LEVEL SENSOR

IMRPB1

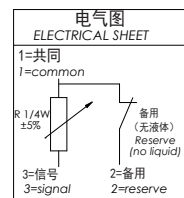
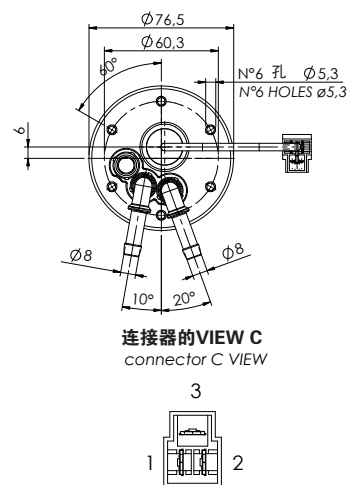
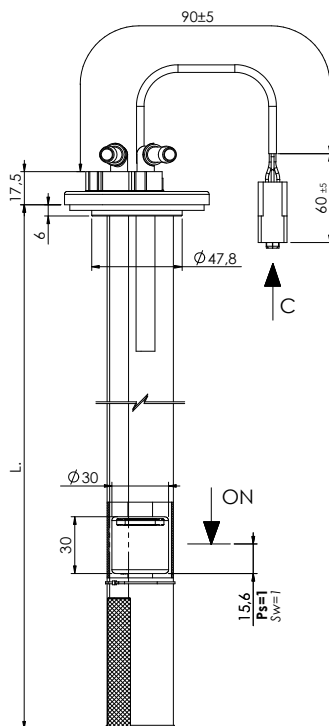


请联系我们的客服部门，了解定制版本的相关信息（长度、固定类型、输出电阻值、电气连接等）。
For customized versions (length, type of fixing, value resistance, electrical connection, etc.) please contact our customer service.

使用范围	水 - 矿物油 - 柴油 - 石化油
固定	尼龙6孔法兰盘
杆	铝制（可根据要求，不锈钢制）
浮球	丁腈橡胶 Ø 30 mm
导师	AISI 316
垫圈	丁腈橡胶
保护等级	IP65
液体比重	> 0,6
工作温度	-10°C / +80°C
间距（分辨率）	10/20 mm
工作原理	见14页
输出信号	电阻值
I 类型	满 5÷7 ohms / 空 315÷330 ohms
II 类型	满 175÷180 ohms / 空 10÷7 ohms
电气连接	需定义的连接类型， 接线长度L = 90毫米
长度	最小长度 = 100 mm 最大长度 = 1.000 mm

Use	Water - Mineral oils-Diesel fuel-Petrol
Fixing	Nylon flange 6 holes
Stem	Alluminium (on request stainless steel)
Float	NBR Ø 30 mm
Seeger	AISI 316
Gasket	NBR
Protection degree	IP65
Fluid specific weight	> 0,6
Working temperature	-10°C / +80°C
Pitch (Resolution)	10/20 mm
Working principle	see page 14
Output signals	Resistance values
I type	full 5÷7 ohms / empty 315÷330 ohms
II type	full 175÷180 ohms / empty 10÷7 ohms
Electrical connection	type connector to be defined, wiring harness L= 90 mm
Length	Lmin = 100 mm Lmax = 1.000 mm

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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For customized versions (length, type of fixing, value resistance, electrical connection, etc.) please contact our customer service.

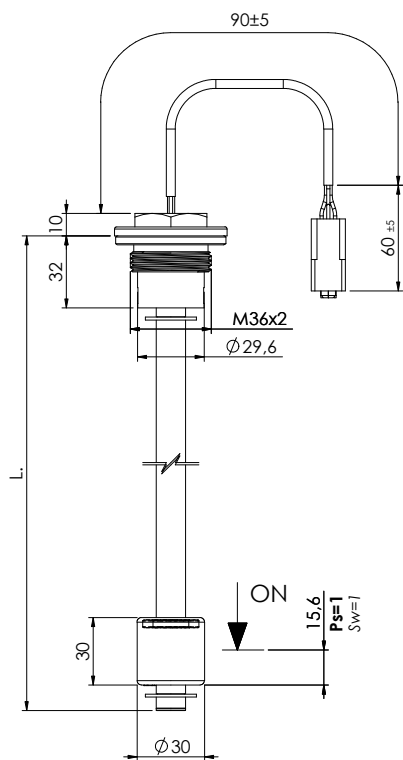
使用范围	水 - 矿物油 - 柴油 - 石化油
固定	尼龙6孔法兰盘
杆	铝制 (可根据要求, 不锈钢制)
浮球	丁腈橡胶 Ø 30 mm
导师	AISI 316
垫圈	丁腈橡胶
燃油吸收和回流连接管	AVP 钢
燃油吸收和回流管	PA11 (Ø10x8)
过滤	钢 (filtering stitch R2x1x0,35x0,2 ~500 micron)
保护等级	IP65
液体比重	> 0,6
工作温度	-10°C / +80°C
间距 (分辨率)	10/20 mm
工作原理	见14页
输出信号	Resistance values
I 类型	满 5÷7 ohms / 空 315÷330 ohms
II 类型	满 175÷180 ohms / 空 10÷7 ohms
电气连接	需定义的连接类型, 接线长度L = 90毫米
稳定室	铝制
长度	最小长度 = 100 mm 最大长度 = 1.000 mm

Use	Water - Mineral oils-Diesel fuel-Petrol
Fixing	Nylon flange 6 holes
Stem	Alluminium (on request stainless steel)
Float	NBR Ø 30 mm
Seeger	AISI 316
Gasket	NBR
Suction and backflow fuel connection	AVP Steel
Suction and backflow fuel tube	PA11 (Ø10x8)
Filter	Steel (filtering stitch R2x1x0,35x0,2 ~500 micron)
Protection degree	IP65
Fluid specific weight	> 0,6
Working temperature	-10°C / +80°C
Pitch (Resolution)	10/20 mm
Working principle	see page 14
Output signals	Resistance values
I type	full 5÷7 ohms / empty 315÷330 ohms
II type	full 175÷180 ohms / empty 10÷7 ohms
Electrical connection	type connector to be defined, wiring harness L= 90 mm
Stabilized room	Aluminum
Length	Lmin = 100 mm Lmax = 1.000 mm

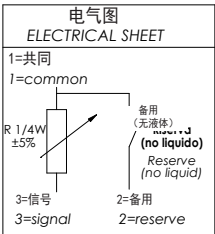
为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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电磁电阻液位传感器
RESISTIVE ELECTROMAGNETIC LEVEL SENSOR

IMRPB8



连接器的VIEW C
connector C VIEW



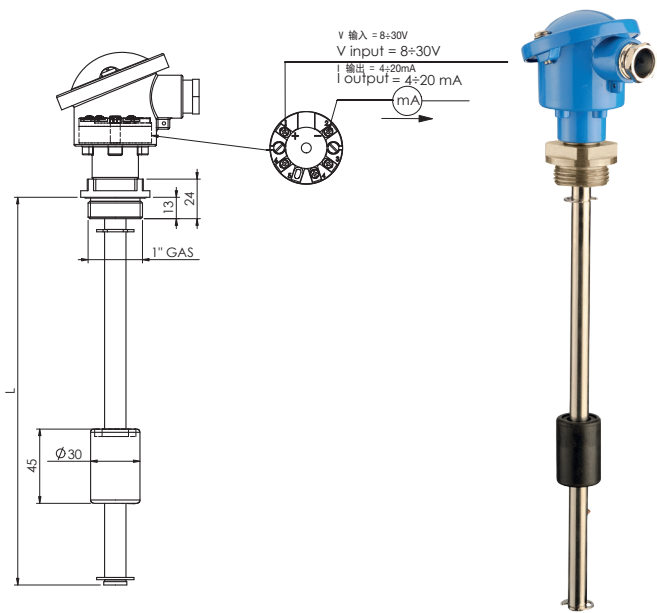
请联系我们的客服部门，了解定制版本的相关信息（长度、固定类型、输出电阻值、电气连接等）。
For customized versions (length, type of fixing, value resistance, electrical connection, etc.) please contact our customer service.

使用范围	水 - 矿物油 - 柴油 - 石化油
固定	尼龙螺纹连接M36x2
杆	铝制 (可根据要求, 不锈钢制)
浮球	丁腈橡胶 Ø 30 mm
导师	AISI 316
O环	丁腈橡胶
保护等级	IP65
液体比重	> 0,6
工作温度	-10°C / +80°C
间距 (分辨率)	10/20 mm
工作原理	见14页
输出信号	电阻值
I 类型	满 5÷7 ohms / 空 315÷330 ohms
II 类型	满 175÷180 ohms / 空 10÷7 ohms
电气连接	需定义的连接类型, 接线长度L = 90毫米
长度	最小长度 = 100 mm 最大长度 = 1.000 mm

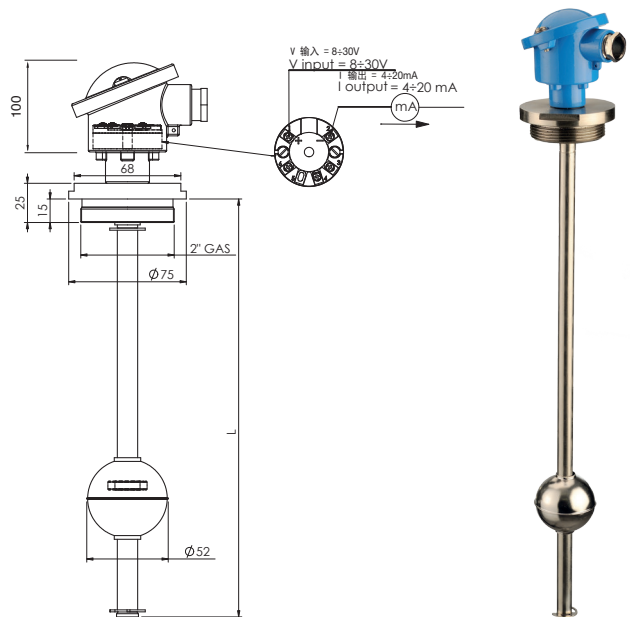
Use	Water - Mineral oils-Diesel fuel-Petrol
Fixing	Nylon threaded connection M36x2
Stem	Alluminium (on request stainless steel)
Float	NBR Ø 30 mm
Seeger	AISI 316
O-Ring	NBR
Protection degree	IP65
Fluid specific weight	> 0,6
Working temperature	-10°C / +80°C
Pitch (Resolution)	10/20 mm
Working principle	see page 14
Output signals	Resistance values
I type	full 5÷7 ohms / empty 315÷330 ohms
II type	full 175÷180 ohms / empty 10÷7 ohms
Electrical connection	type connector to be defined, wiring harness L= 90 mm
Length	Lmin = 100 mm Lmax = 1.000 mm

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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IMRE



IMRF



固定 Fixing	零件代码 - PART NUMBER
G 1" 铝制 - aluminium	IMRE ● - 001
G 2" Aisi 304不锈钢 - stainless steel aisi 304	IMRF ● - 001
● 长度 Length mm = 100 ÷ 2000	

请联系我们的客服部门，了解定制版本的相关信息（长度、固定类型等）。
For customized versions (length, type of fixing, etc.) please contact our customer service.

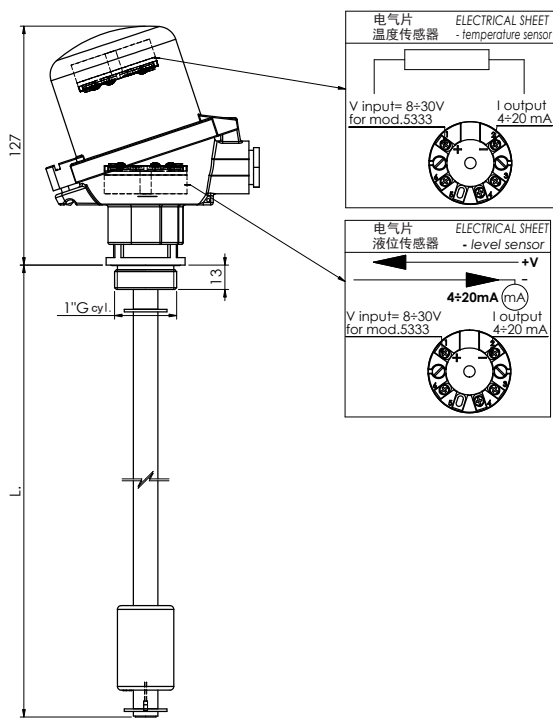
使用范围	水 - 矿物油 - 柴油 - 石化油
杆	钢
浮球	IMRE 丁腈橡胶
	IMRF AISI 316不锈钢
导师	AISI 316
O环	丁腈橡胶
电气连接	DIN B铝制盒
保护等级	IP65
液体比重	IMRE > 0.6
	IMRF > 0.8
工作温度	-10°C / +80°C
间距（分辨率）	10/20 mm
工作原理	见14页
输出信号	4-20 mA模拟
长度	最小长度 = 100 mm 最大长度 = 2,000 mm

Use	Water - Mineral oils-Diesel fuel-Petrol
Stem	Steel
Float	IMRE NBR
	IMRF stainless steel AISI 316
Seeger	AISI 316
O-Ring	NBR
Electrical connection	Box aluminium DIN B
Protection degree	IP65
Fluid specific weight	IMRE > 0.6
	IMRF > 0.8
Working temperature	-10°C / +80°C
Pitch (Resolution)	10/20 mm
Working principle	see page 14
Output signal	Analogic 4-20 mA
Length	Lmin = 100 mm Lmax = 2,000 mm

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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模拟信号温度4-20 mA传感器
ANALOGIC 4-20 mA LEVEL AND TEMPERATURE SENSOR

IMRET

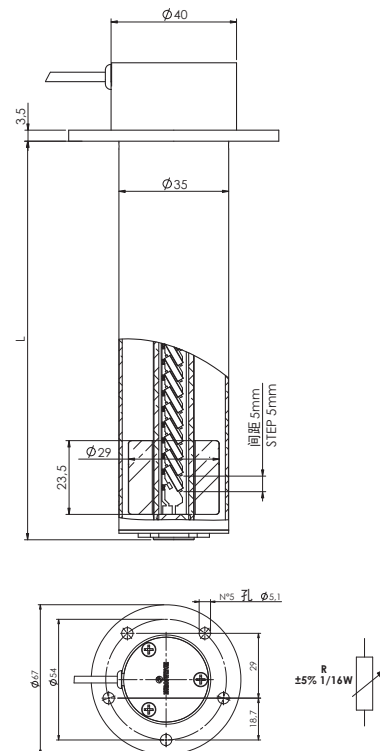
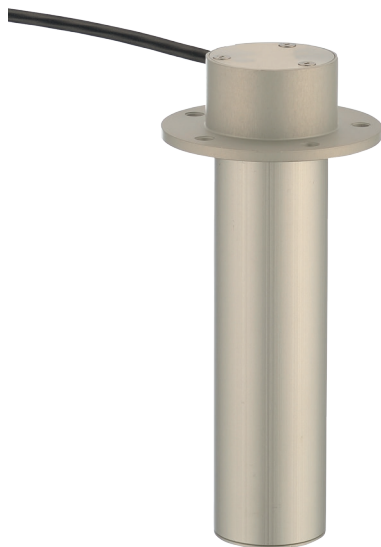


请联系我们的客服部门，了解定制版本的相关信息（长度、固定类型等）。
For customized versions (length, type of fixing, etc.) please contact our customer service.

使用范围	水 - 矿物油 - 柴油 - 石化油
固定	1" gas 铝制 (Aisi 304 可根据要求提供)
杆	钢
浮球	丁腈橡胶
导师	AISI 316
O环	丁腈橡胶
电气连接	铝制盒
保护等级	IP65
液体比重	> 0.6
工作温度	-10°C / +80°C
间距（分辨率）	10/20 mm
工作原理	见15页
输出信号	4-20 mA模拟 液位/温度参数单独分开
长度	最小长度 = 100 mm 最大长度 = 2,000 mm

Use	Water - Mineral oils-Diesel fuel-Petrol
Fixing	Al 1" gas (Aisi 304 Stainless Steel on request)
Stem	Steel
Float	NBR
Seeger	AISI 316
O-Ring	NBR
Electrical connection	Box aluminium
Protection degree	IP65
Fluid specific weight	> 0.6
Working temperature	-10°C / +80°C
Pitch (Resolution)	10/20 mm
Working principle	see page 15
Output signal	Analogic 4-20 mA Separate for level / temperature
Length	Lmin = 100 mm Lmax = 2.000 mm

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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请联系我们的客服部门，了解定制版本的相关信息（长度、固定类型、输出电阻值、电气连接等）。

For customized versions (length, type of fixing, value resistance, electrical connection, etc.) please contact our customer service.

使用范围	石化油 - 矿物油 - 柴油 - 水
固定	5孔铝制法兰
杆	铝制
浮球	丁腈橡胶
导师	AISI 316
电气连接	缆线 = 500 mm
保护等级	IP65
液体比重	> 0.7
工作温度	-10°C / +80°C
间距（分辨率）	5/10 mm
工作原理	见9页
输出信号	电阻值
	满 5÷7 ohms / 空 315÷330 ohm
	满 175÷180 ohms / 空 10÷7 ohms

Use	Petrol-Mineral oils-Diesel fuel-Water
Fixing	Flange - 5 holes in aluminium
Stem	Alluminium
Float	NBR
Seeger	AISI 316
Electrical connection	Cable L = 500 mm
Protection degree	IP65
Fluid specific weight	> 0.7
Working temperature	-10°C / +80°C
Pitch (Resolution)	5/10 mm
Working principle	see page 9
Output signal	Resistance values
	pieno 5÷7 ohms / vuoto 315÷330 ohm
	pieno 175÷180 ohms / vuoto 10÷7 ohms

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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SCD 4.0 - 传感器配置设备

SCD 4.0接口（传感器配置设备）允许用户直接对四种类型的传感器进行编程。除了4-20 mA模拟输出外，还可以设置2个数字信号来设置压力、温度和液位的阈值。

SCD 4.0 interface (Sensor Configurator Device) which allows the user to directly program four types of sensors. In addition to the analogue 4-20 mA output, 2 digital signals can be set for setting the pressure, temperature and level thresholds.

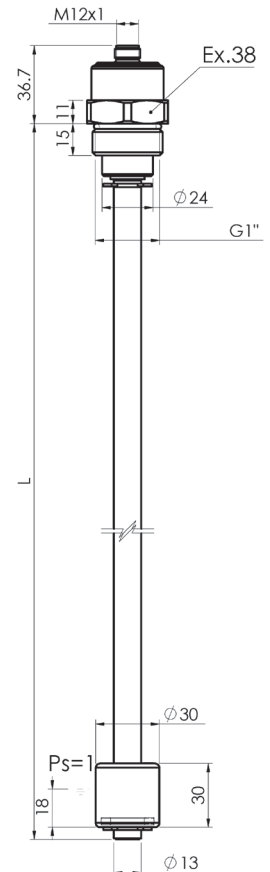
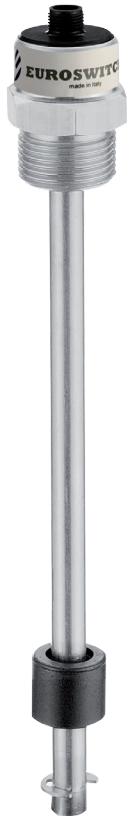


- 编程单元允许您读取和修改传感器的配置：

- ESL液位传感器
- EST / EST2温度传感器
- 电子差压变送器980（4-20 mA输出）和983（带指示灯）。
- 无需额外的24V电源（仅USB电缆）
- 数字输出状态显示Led灯
- 免费接口软件“SCD.EXE”（用于Windows®操作系统，可从Euroswitch.it门户的保留区下载）：
 - 选择和设置数字输出
 - 开/关状态，迟滞和延迟时间
 - 模拟输出曲线管理 4-20 mA
 - 抑制温度设定
 - 过程参数和模拟输出监控
 - 管理“配方”以快速复制设置
- 工作温度（-5 / + 45°C）
- 储存温度（-25 / + 50°C）
- 防护等级IP20
- 套件重量270克
- ABS“外壳”尺寸 LxHxP 112x62x32mm
- 附件包含3个连接电缆：USB-A / USB-B-D SUB 9 / M12x1 5个PIN（用于ESL, EST, 980型号）-适配器M12 / M12（用于983型号）

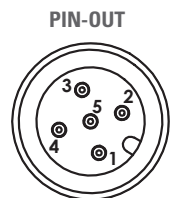
- The programming unit is used to read and change the sensor configuration:

- ESL level sensor
- EST / EST2 temperature sensor
- Electronic differential pressure transmitter models 980 (4-20 mA output) and 983 (light signal).
- No need for additional 24V power supply (USB cable only)
- LED light for displaying the status of digital outputs
- SCD.EXE free interface software (for Windows®, downloadable from the reserved area of www.euroswitch.it website):
 - selection and setting of digital outputs
 - ON/OFF, hysteresis and delay time
 - management of the 4-20 mA analogue output curve
 - inhibition temperature setting
 - process parameter and analogue output monitoring
 - “recipe” processing for quick duplication of settings
- Operating temperature (-5°C to +45°C)
- Storage temperature (-25°C to +50°C)
- Protection degree IP20
- Kit weight 270 g
- Dimensions of ABS crate 112x62x32mm WxHxD
- Accessories included: 3 connecting cables USB-A/USB-B-D SUB 9/M12x1, 5 pins (for models. ESL, EST and 980) - M12/M12 adapter for model 983.



	电气规格	ELECTRICAL SPECIFICATIONS
PIN1	24V 直流电 $\pm 10\%$	24V dc $\pm 10\%$
PIN2	模拟输出4÷20mA	Analogue Output 4÷20mA
PIN3	数字输出1: PNP可编程NO / NC 最大负载0.2 A 液位/温度 延迟时间 (以秒为单位)	Digital Output 1 : PNP programmable NO/NC Max Load 0.2 A Level / Temperature Delay time in seconds
PIN4	数字输出2: PNP可编程NO / NC 最大负载0.2 A 液位/温度 延迟时间 (以秒为单位)	Digital Output 2 : PNP programmable NO/NC Max Load 0.2 A Level / Temperature Delay time in seconds
PIN5	0V - GND	0V - GND

可以在Euroswitch或通过SCD编程器, 对PIN 3和4的输出值以及相关迟滞进行编程 (请参见第83页)。
PIN3 and PIN4 outputs, with the associated hysteresis values, are programmable at factory or by programmer SCD (see page 83).

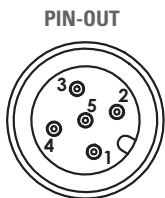
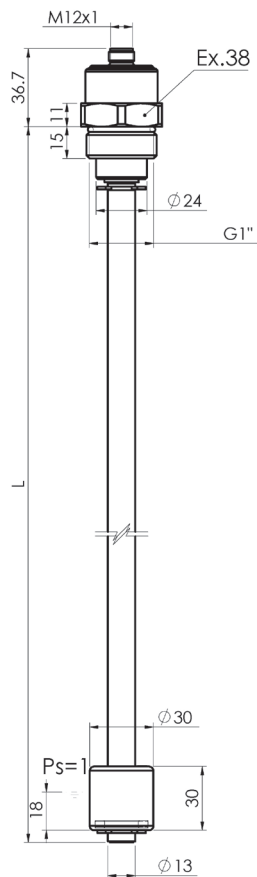


使用范围	工业应用
流体	油、水性润滑冷却剂、水、柴油
输出信号	4-20 mA模拟
电源电压	24 V +/- 10%
极性换向保护	
机体 / 杆	AISI 316
浮球	丁腈橡胶
O环	丁腈橡胶
工作环境温度	-25 / +80° C
流体温度	-25/+95° C
保护等级	IP65 / IP67
电气连接	M12
最大拧紧扭矩	50 Nm
间距 (分辨率)	10/20/30/40 mm 最多50个控制点
液体比重	> 0,6
长度	(可根据要求提供) 最大长度 = 2.000 mm

Use	Industrial applications
Fluids	Oils, water based coolants, water, diesel
Output signal	analogic 4-20mA
Supply voltage	24 V +/- 10%
Reverse polarity protection	
Case / Stem	AISI 316
Float	NBR
O-Ring	NBR
Working temperature ambient	-25 / +80° C
Fluid temperature	-25/+95° C
Protection degree	IP65 / IP67
Electrical connection	M12
Max Torque	50 Nm
Step (Resolution)	10/20/30/40 mm max 50 control points
Liquid specific weight	> 0,6
Lenght	(on request) max 2000 mm

EMC : EN 61326-1:2013 - EN61326 2-3:2013

为了正确使用, 请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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	电气规格	ELECTRICAL SPECIFICATIONS
PIN1	1 V 加	1 V PLUS
PIN2	未连接	Floating
PIN3	GND	GND
PIN4	CQ	CQ
PIN5	未连接	Floating

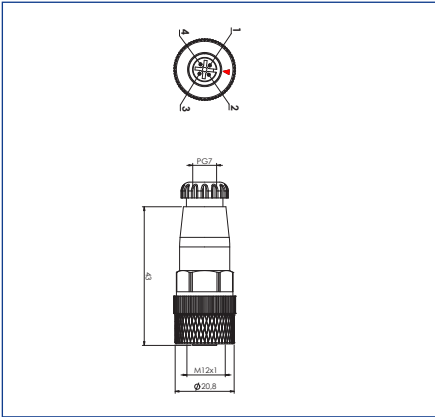
使用范围	工业应用
流体	油、水性润滑冷却剂、水、柴油
输出信号	 IO-Link
电源电压	24 V +/- 10%
极性换向保护	
机体 / 杆	AISI 316
浮球	丁腈橡胶
O环	丁腈橡胶
工作温度	-20 / + 80° C
保护等级	IP65 / IP67
电气连接	M12
最大拧紧扭矩	50 Nm
间距（分辨率）	10/20/30/40 mm max 50 punti di controllo
液体比重	> 0,6
长度	(可根据要求提供) 最大长度 = 2.000 mm

Use	Industrial applications
Fluids	Oils, water based coolants, water, diesel
Output signal	 IO-Link
Supply voltage	24 V +/- 10%
Reverse polarity protection	
Case / Stem	AISI 316
Float	NBR
O-Ring	NBR
Working temperature	-20 / +80° C
Protection degree	IP65 / IP67
Electrical connection	M12
Max Torque	50 Nm
Step (Resolution)	10/20/30/40 mm max 50 control points
Liquid specific weight	> 0,6
Lenght	(on request) max 2000 mm

EMC : EN 61326-1:2013 - EN61326 2-3:2013

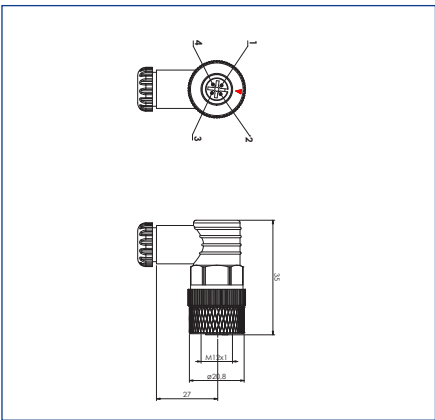
为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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配件 - Accessories



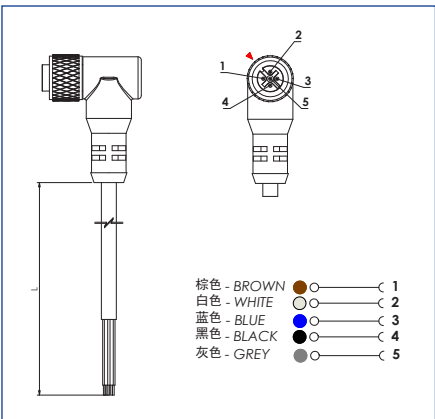
编码 CNN004-006
M12连接器需要接线
M12 connector to be wired

IEC 61076-2-101



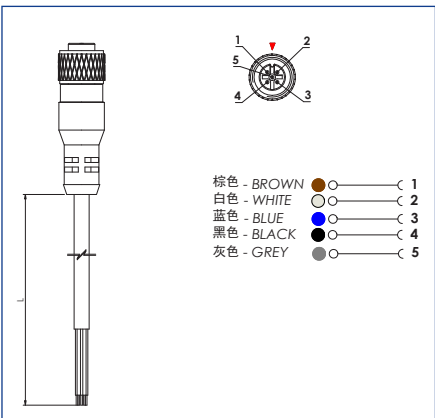
编码 CNN004-007
M12连接器需要90°接线
M12 connector to be wired angled 90°

IEC 61076-2-101



编码 CBL200-002
2 m电缆，带M12 90°连接器
2 mt cable with connector M12 angled 90°

IEC 61076-2-101

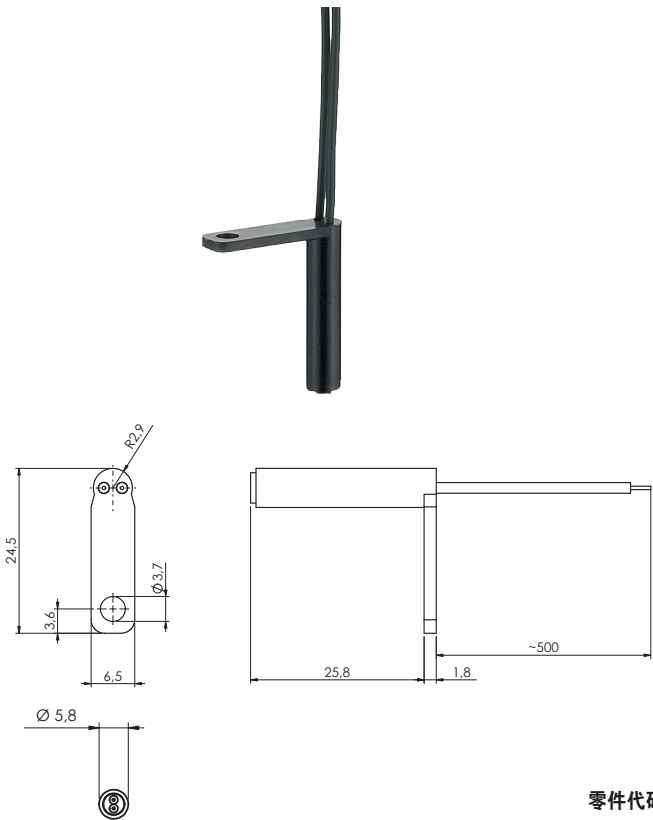


编码 CBL200-001
2 m电缆，带M12连接器
2 mt cable with connector M12

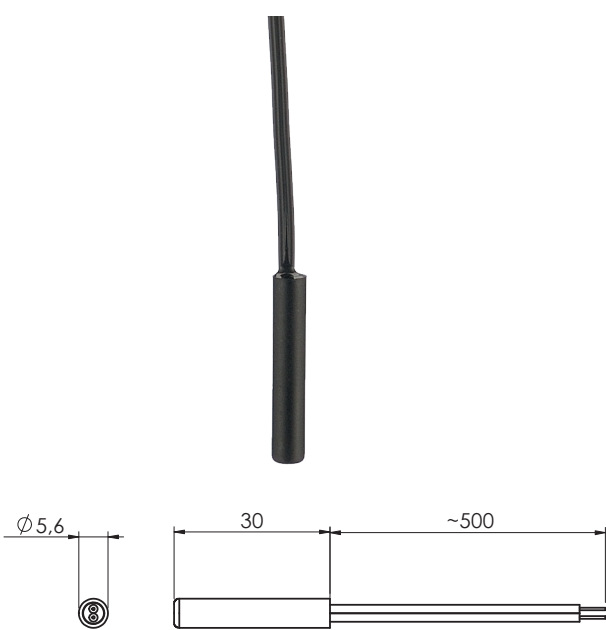
IEC 61076-2-101

有关更多技术和应用程序的详细信息，请联系我们的技术办公室。For technical and application details contact our technical office.
为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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P900



P930



零件代码 - PART NUMBER

传感器 - Sensor	黑色 BLACK	黑色 BLACK
P900	P900FZ - 100	
P930	P930FZ - 100	

请联系我们的客服部门，了解定制版本的相关信息（长度、固定类型、输出电阻值、电气连接等）。
For customized versions (length, type of fixing, value resistance, electrical connection, etc.) please contact our customer service.

杆	尼龙
输出线	500 mm PVC
触点类型	簧片
开关最大容量	10 W
开关最大电流	0.5 A
开关最大电压	50 V
工作温度	-10°C / +80°C
重量	~ 8/10 gr

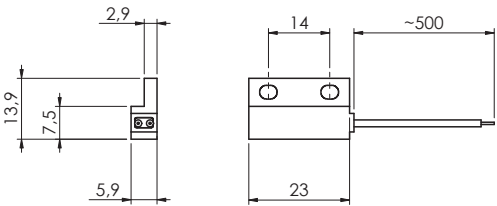
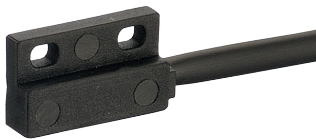
Stem	Nylon
Wiring output	500 mm PVC
Type of contact	Reed
Max switch. capacity	10 W
Max switch. current	0.5 A
Max switch. voltage	50 V
Working temperature	-10°C / +80°C
Weight	~ 8/10 gr

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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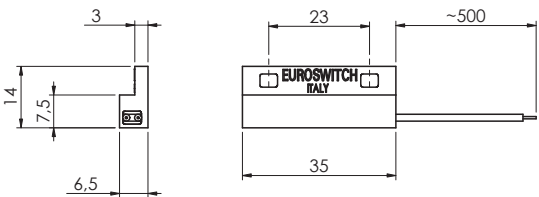
P915-P920

簧片位置传感器
REED POSITION SENSORS

P915



P920



零件代码 - PART NUMBER

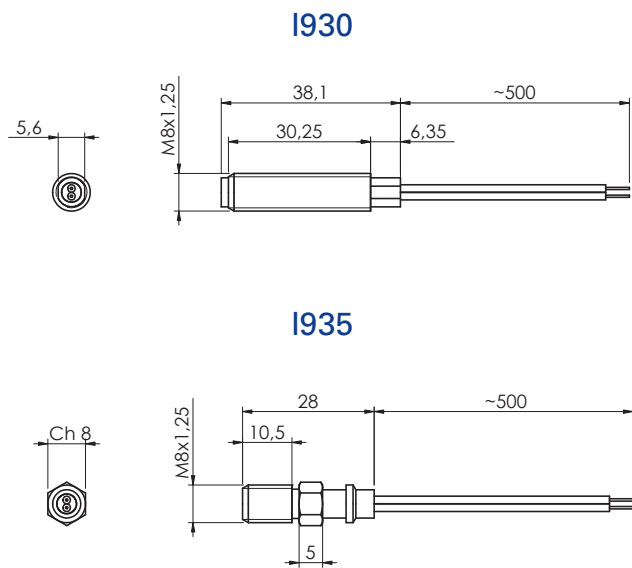
传感器 - Sensor	黑色 BLACK	黑色 BLACK	橙色 ORANGE	2 NC 关 棕色/BROWN 3 C 1 NO 开 白色/WHITE
P915	P915FZ - 100			
P920	P920FZ - 100		P920FZ - 500	

请联系我们的客服部门，了解定制版本的相关信息（长度、固定类型、输出电阻值、连接等）。
For customized versions (length, type of fixing, value resistance, electrical connection, etc.) please contact our customer service.

杆	尼龙
输出线	500 mm PVC
触点类型	P915 簧片 开 P920 簧片 开/SPDT
开关最大容量	P915 10 W P920 40 W (3W SPDT)
开关最大电流	P915 0.5 A P920 1 A (0.25A SPDT)
开关最大电压	50 V
工作温度	-10°C / +80°C
重量	~ 8/10 gr

Stem	Nylon
Wiring output	500 mm PVC
Type of contact	P915 Reed N.O. P920 Reed N.O./SPDT
Max switch. capacity	P915 10 W P920 40 W (3W SPDT)
Max switch. current	P915 0.5 A P920 1 A (0.25A SPDT)
Max switch. voltage	50 V
Working temperature	-10°C / +80°C
Weight	~ 8/10 gr

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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零件代码 - PART NUMBER

传感器 - Sensor	黑色 BLACK	黑色 BLACK
I930	I930FZ - 100	
I935	I935FZ - 100	

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For customized versions (length, type of fixing, value resistance, electrical connection, etc.) please contact our customer service.

杆	阳极氧化铝 M8 x 1.25
输出线	500 mm PVC
触点类型	簧片 开
开关最大容量	10 W
开关最大电流	0.5 A
开关最大电压	< 50 V
工作温度	-40°C / +80°C
重量	~ 10/12 gr

Stem	Anodised aluminium M8 x 1.25
Wiring output	500 mm PVC
Type of contact	Reed N.O
Max switch. capacity	10 W
Max switch. current	0.5 A
Max switch. voltage	< 50 V
Working temperature	-40°C / +80°C
Weight	~ 10/12 gr

为了正确使用，请参见Euroswitch 20-03-1目录中第10-16页有关液位传感器的一般说明。For a correct use please refer to "General Notes" in the Level sensors Euroswitch catalogue 20-03-1, p. 10-16.
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注释
Notes



EUROSWITCH
excellence in sensors

MONT.EL 集团专业从事配线系统、电动电器类设备和传感器的设计和生产。这是一个能够对可提供完整产品的外部资源整合的公司网络，可以进行综合设计或者根据客户要求定制生产。我们致力于提供高品质、高效率、高精度和最可靠的产品。MONT.EL 集团依托于六个成员公司的专业技能、实际知识和专业知识！在这六家公司中，有四家位于意大利境内，分别是 MONT.EL（布线系统），INTEA（电子传动与控制设备的设计和开发），EUROSWITCH（液位，压力，温度和旋转传感器），以及 AME（电气设备），另外两家是位于罗马尼亚的 SIRE（布线系统和机电组件，装配）和 TECHTRON（电子设备）。

The MONT.EL Group specialises in the design and manufacture of wiring systems, and electric and electronic equipment and sensors. It is a fully integrated network of companies dealing with advanced outsourcing that can offer a complete product, which is co-engineered or made to customer drawing, and features superior quality, efficiency, accuracy and maximum reliability.

The MONT.EL Group relies on the professional skill, know-how and expertise of the six member companies. Four are based in Italy - MONT.EL (wiring systems), INTEA (design and development of electronic drive and control equipment), EUROSWITCH (level, pressure, temperature and rotation sensors), and AME (electrical equipment) and two in Romania - SIRE (wiring systems and electro-mechanical assemblies) and TECHTRON (electronic equipment).



MONT.EL

布线，
电气和电子设备

wirings,
electric and electronic equipment



EUROSWITCH

液位，压力，温度传感器

level, pressure,
temperature sensors



**INTEA
ENGINEERING**

应用电子技术
applied electronic technologies



AME

电气设备
electrical equipment



SIRE

布线及装配
wirings, assembly



TECHTRON

电子设备
electronic equipments



EUROSWITCH
excellence in sensors

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