

Proline Promag H 10 电磁流量计

卫生型标准应用场合的理想选择，操作简单



详细信息和最新价格参见:

www.endress.com.cn/5HBB

优势:

- 安装灵活：提供多种卫生型过程连接
- 节能流量测量：无节流部件，无压损
- 免维护：无可移动部件
- 最优操控性：使用移动终端设备，安装SmartBlue app，直接触摸屏操作
- 调试简单高效：引导式仪表组态预设置和现场设置
- 带自校验功能：采用Heartbeat Technology心跳技术

产品规格参数

- **最大测量误差** Volume flow (standard): $\pm 0.5\%$ o.r. ± 1 mm/s (0.04 in/s)
- **测量范围** 0.06 dm³/min to 600 m³/h (0.015 to 2650 gal/min)
- **介质温度范围** -20 to +150 °C (-4 to +302 °F)
- **最大过程压力** PN 40, Class 150, 20K
- **接液部件材质** Liner: PFA Electrodes: 1.4435 (316L); Alloy C22
Process Connections: stainless steel, 1.4404 (F316L); PVDF; PVC adhesive sleeve
Seals: aseptic molded seal (EPDM, FKM, silicone)

应用领域: Promag H传感器是食品与饮料、生命科学行业中卫生应用场合的理想选择。Promag H 10的软硬件设计均直观明了，在保证Endress+Hauser高品质的前提下，大大简化了仪表从设计到服务全生命周期内的每一步操作。Heartbeat Technology心跳技术保证测量的可靠性，延长仪表校准周期。

特征和规格

液体

测量原理

电磁

液体

产品标题

Flowmeter for basic hygienic applications with easy-to-use operation concept.

For applications with sanitary requirements.

传感器特点

Flexible installation concept – numerous hygienic process connections. Energy-saving flow measurement – no pressure loss due to cross section constriction. Maintenance-free – no moving parts.

Liner made of PFA. Sensor housing made of stainless steel (3-A, EHEDG). Wetted materials CIP-/SIP-cleanable.

变送器特点

Optimum usability – operation with mobile devices and SmartBlue app or display with touch screen. Simple, time-saving commissioning – guided parameterization in advance and in the field. Integrated verification – Heartbeat Technology.

System integration with HART, Modbus RS485. Flexible operation with app and optional display.

公称口径范围

DN 2 to 150 ($\frac{1}{2}$ to 6")

接液部件材质

Liner: PFA

Electrodes: 1.4435 (316L); Alloy C22

Process Connections: stainless steel, 1.4404 (F316L); PVDF; PVC adhesive sleeve

Seals: aseptic molded seal (EPDM, FKM, silicone)

测量变量

Volume flow, temperature, conductivity, mass flow, corrected volume flow, corrected conductivity

最大测量误差

Volume flow (standard): $\pm 0.5\%$ o.r. ± 1 mm/s (0.04 in/s)

液体

测量范围

0.06 dm³/min to 600 m³/h (0.015 to 2650 gal/min)

最大过程压力

PN 40, Class 150, 20K

介质温度范围

-20 to +150 °C (-4 to +302 °F)

环境温度范围

-40 to +60 °C (-40 to +140 °F)

传感器外壳材质

1.4301 (304), corrosion resistant

变送器外壳材质

AlSi10Mg, coated

防护等级

Standard: IP66/67, type 4X enclosure

显示/操作

2.4" LCD display with touch & auto rotate; Configuration and operation via SmartBlue App (Bluetooth) possible

输出

4-20 mA HART (active/passive), Pulse/frequency/switch output
Modbus RS485, 4-20 mA

数字通信

HART, MODBUS RS485

电源

DC 24 V
AC 100 to 230 V
AC 100 to 230 V / DC 24 V (non-hazardous area)

防爆认证

CSA, GP

液体

计量认证和证书

Calibration performed on accredited calibration facilities (acc. to ISO/IEC 17025)

Heartbeat Technology complies with the requirements for measurement traceability according to ISO 9001:2015 – Section 7.1.5.2 a (TÜV SÜD attestation)

压力认证和证书

PED, CRN

材料证书

3.1 material

卫生型认证和证书

Sanitary approval: EHEDG, 3-A, liner and seals acc. to FDA, cGMP

更多信息 www.endress.com.cn/5HBB