

Proline Promag D 10 电磁流量计

电磁流量计，夹持式安装，高性价比



详细信息和最新价格参见:

www.endress.com.cn/5DBB

优势:

- 传感器简单对中安装：创新的外壳结构设计
- 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** 9 dm³/min to 162 000 m³/h (2.5 gal/min to 100 000 gal/min)
- **介质温度范围** Liner material hard rubber: 0 to +80 °C (+32 to +176 °F) Liner material polyurethane: -20 to +50 °C (-4 to +122 °F) Liner material PTFE: -20 to +90 °C (-4 to +160 °F)
- **最大过程压力** PN 40, Class 300, 20K
- **接液部件材质** Liner material hard rubber: 0 to +80 °C (+32 to +176 °F) Liner material polyurethane: -20 to +50 °C (-4 to +122 °F) Liner material PTFE: -20 to +90 °C (-4 to +160 °F) Electrodes: 1.4435 (316L); Alloy C22, 2.4602 (UNS N06022)

应用领域: Promag D电磁流量计采用夹持式安装方式，适用于安装在空间狭小的水行业基本应用场合中使用。Promag D 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心跳技术保证了测量的可靠性和校验的合规性。

特征和规格

液体

测量原理

电磁

产品标题

Highly cost-effective wafer flowmeter with easy-to-use operation concept.

For basic water applications, optimized for limited space and plastic pipe installations.

传感器特点

Easy, fast centering of the sensor – innovative housing construction.

Energy - saving flow measurement – no pressure loss due to cross section constriction. Maintenance - free – no moving parts.

Short face-to-face length and low weight. Integrated ground disks made of stainless steel. International drinking water approvals.

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.

2-line display with push buttons. Device as compact or remote version. HART.

公称口径范围

DN 25 to 100 (1 to 4")

接液部件材质

Liner material hard rubber: 0 to +80 °C (+32 to +176 °F)

Liner material polyurethane: -20 to +50 °C (-4 to +122 °F)

Liner material PTFE: -20 to +90 °C (-4 to +160 °F)

Electrodes: 1.4435 (316L); Alloy C22, 2.4602 (UNS N06022)

测量变量

Volume flow, conductivity, mass flow

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

9 dm³/min to 162 000 m³/h (2.5 gal/min to 100 000 gal/min)

最大过程压力

PN 40, Class 300, 20K

介质温度范围

Liner material hard rubber: 0 to +80 °C (+32 to +176 °F)

Liner material polyurethane: -20 to +50 °C (-4 to +122 °F)

Liner material PTFE: -20 to +90 °C (-4 to +160 °F)

环境温度范围

-40 to 60 °C (-40 to 140 °F)

传感器外壳材质

DN 25 to 300 (1 to 12"): AlSi10Mg, coated

DN 350 to 2000 (14 to 78"): Carbon steel with protective varnish

变送器外壳材质

Polycarbonat; AlSi10Mg, coated

防护等级

Compact version: IP66/67, type 4X enclosure

Sensor remote version (standard): IP66/67, type 4X enclosure

Sensor remote version (option): IP68, type 6P enclosure, with protective varnish according to EN ISO 12944 C5-M/Im1/Im2/Im3

显示/操作

LCD display with touch & auto rotate

输出

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

Modbus RS485, 4-20 mA

数字通信

HART, MODBUS RS485

液体

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

产品安全性

产品安全性

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)

卫生型认证和证书

卫生型认证和证书

更多信息 www.endress.com.cn/5DBB