

Proline Prosonic Flow I 400超声流量计

流量计使用插入式传感器，采用Heartbeat Technology心跳技术，支持以太网服务器，适用于水和污水行业应用



详细信息和最新价格参见:

www.endress.com.cn/9I4B

优势:

- 高性价比：管径越大，使用成本越低（最大口径可达DN 4000/160"）
- 信号长期稳定：免维护，传感器直接接液
- 过程透明：配备诊断功能
- 操作安全：背光显示屏触控操作，无需打开仪表
- 无故障远程访问：支持网页服务器
- 采用Heartbeat Technology心跳技术：全面自诊断、自监测、自校验

产品规格参数

- **最大测量误差** Volume flow: $\pm 2\%$ o.r. above DN200
- **测量范围** 0 to 15 m/s (0 to 50 ft/s)
- **介质温度范围** -40 to $+80$ °C (-40 to $+176$ °F)
- **最大过程压力** N/A
- **接液部件材质** Insertion system: Sensor holder 1.4301 (304), 1.4404 (316L) Sensor housing 1.4301 (304), 1.4404 (316L)

应用领域: Prosonic Flow I 400结合了插入式传感器和Proline 400变送器的优点，比如Heartbeat Technology心跳技术，实现安全过程监测；支持以太网服务器，安装和操作非常便捷。Prosonic Flow I 400直接在管壁上焊接安装，特别适合配水管网大口径管道应用，以及有固定仪表安装位置要求的项目。

特征和规格

液体

测量原理

超声波流量测量

液体

产品标题

Insertion meter with Heartbeat Technology and web server for the water and wastewater industry.

Bidirectional flow measurement of water and wastewater.

传感器特点

Low capital investment – cost-effectiveness increases with pipe diameter (up to DN 4000/156"). Long-term stable signal – maintenance-free permanent mounting from outside with coupling pads. Process transparency – diagnostic capability.

Supports two parallel measurement paths. For large diameters: DN 200 to 4000 (8 to 160"). Medium temperature: -40 to +80 °C (-40 to +176 °F).

变送器特点

Safe operation – no need to open the device due to display with touch control, background lighting. Full remote access – web server. Integrated diagnostics, verification and monitoring – Heartbeat Technology.

Transmitter housing made of durable polycarbonate or aluminium.

Remote version for wall mounting. Integrated data logger: measured values monitoring.

公称口径范围

DN200 to 4000 (8 to 160")

接液部件材质

Insertion system:

Sensor holder 1.4301 (304), 1.4404 (316L)

Sensor housing 1.4301 (304), 1.4404 (316L)

测量变量

Volume flow, Flow velocity, Sound velocity

最大测量误差

Volume flow: $\pm 2\%$ o.r. above DN200

测量范围

0 to 15 m/s (0 to 50 ft/s)

液体	最大过程压力
	N/A
	介质温度范围
	-40 to +80 °C (-40 to +176 °F)
	环境温度范围
	-20 to 60°C (-4 to 140°F)
	传感器外壳材质
	N/A
	变送器外壳材质
	Wall-mounted housing: Polycarbonat; AlSi10Mg, coated
	防护等级
Transmitter: IP66/67, Type 4X enclosure Sensor: IP66/67, Type 4X enclosure, IP68, Type 6P enclosure (optional)	
显示/操作	
4 - line backlit display with touch control (operation from outside) Configuration via local display, web browser and operating tools possible	
输出	
3 outputs: 4 - 20 mA/4 - 20 mA HART (active) Pulse/frequency/switch output (passive) Pulse/frequency/switch output (passive)	
输入	
Status input	
数字通信	
HART	
电源	
AC 100 to 240 V / AC/DC 24 V	

液体

Approvals

cCSAus, EAC

其他认证和证书

其他认证和证书

产品安全性

产品安全性

船级认证和证书

船级认证和证书

更多信息 www.endress.com.cn/9I4B