The FLO-PIPE 181 is a single point EM (velocity) flow sensor designed to be positioned at 1/8 diameter and can be installed under pressure (PN16) using hot tapping tools.

The FLO-PIPE 181 is designed for clean water applications with no fibres, which could hang around the inserted sensor.

**Technical Specifications**

**Velocity Measurement**
- Method: Electromagnetic
- Range: -10 to +10 m/s
- Accuracy: ±2.5% of reading
- Repeatability: ±0.5%

**Size for pipe line diameter**
- Size 1: Ø ≤ 500 mm
- Size 2: Ø ≤ 1000 mm
- Size 3: Ø ≤ 2000 mm
- Other sizes on request

**Nominal pressure**
- PN 16

**Process connection**
- Threaded end (with exclusion ball valve)
- Other on request

**Material & protection rate**
- Body Material: Stainless steel AISI 304
- Electrode Material: Stainless steel AISI 316L
- Connection Material: Stainless steel AISI 304
- Lining Material: PTFE

**Protection**
- IP67 – Compact version
- IP68 – Separate version (max. 20 m)
- IP67 – Separate version (max. 500 m), with preamplifier (IP68 in option)

**Environmental**
- Liquid temperature: -20° to 100°C compact version
- -20° to 150°C separate version

Specifications are subject to change without notice
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