

FLO-PIPE 180

Insertion electromagnetic sensor for mounting in non-pressurized pipe lines



The FLO-PIPE 180 is a single point EM (velocity) flow Sensor with a 1 inch insertion sensor designed to be positioned at 1/8 diameter.

The FLO-PIPE 180 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

1" Threaded end
Other connections on request

Material & protection rate

Body Material	Stainless steel AISI 304 Stainless steel AISI 316 (option)
Electrode Material	Stainless steel AISI 304 Other on request
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
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Specifications are subject to change without notice
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