



Electromagnetic flowmeter

Flow measurement for conductive liquids

Dn from 10 to 200 mm

Connections DIN 11851 and CLAMP DIN 32676

Measurement accuracy: $\pm 0.2\%$; $\pm 0.5\%$

PFA coatings

Power supply $85 \div 265\text{Vac}$; 12Vdc ; $20 \div 30\text{Vdc/Vac}$

Datalogger on USB pendrive

Removable O-LED display module

Remote control via Smartphone

Technical Feature

Flow rate range

Bidirectional on fluids with speeds up to 10m/s

Range dimension / lining material

PFA DN10 $\div$ DN200

Sensor pipe material

SS304

Housing material

epoxy painted aluminum

Electrodes material

SS316L - Hastelloy C - Titanium - Tantalum

Measure range

$<0,3\text{m}^3/\text{h} \div >1100\text{m}^3/\text{h}$

Accuracy

$\pm 0,5\%$ standard; $\pm 0,2\%$ opt

Repeatability

$\pm 0,1\%$

Fluid conductivity

$>5\mu\text{S}/\text{cm}$

Power supply

$85 \div 265\text{Vac}$; 12Vdc ; $20 \div 30\text{Vdc/Vac}$

Consumption

6W, max. 8W.

Temperature range

Remote version operating temperature: $-40 \div 150^\circ\text{C}$

Compact version operating temperature: $-40 \div 100^\circ\text{C}$

Storage temperature: $-40 \div 85^\circ\text{C}$

Communication

modbus

Data Logger

Internal data logger to USB pen drive

Output

$4 \div 20\text{mA}$; Frequency; Impulsive; 2 relays

Input signals

2 active analog inputs

1 digital input.

Reverse Flow

Allows measure and totalization of reverse flow

Low Flow Cutoff

Adjustable. Below selected value, instantaneous flow and outputs are driven to the zero flow rate signal level

Humidity Limits

0-100% RH to 150°F (65°C), not condensing.

Damping

Adjustable between 1 and 99 seconds

Compact version IP rating

IP67

Remote version IP rating

sensor IP67 / IP68 (by request) - converter IP67

Anti-condensation filter

Anti-condensation filter installed on converter