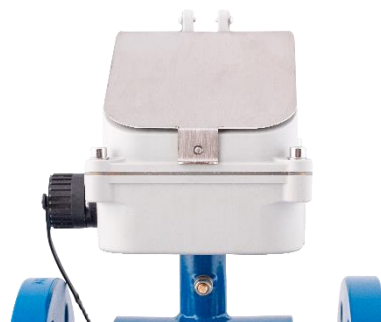


Technical specification

Measurable media	Conductive fluids
Min. media electrical conductivity	$\geq 5\mu\text{S/cm}$ or $\geq 20\mu\text{S/cm}$ for demineralized water
Flow range	0,1 to 10 m/s
Displayed values	Flow range (m ³ /h, l/s, l/m, US Gal/min, UK Gal/min) Volume (m ³ , l, US Gal, UK Gal) Total Batch volume
Accuracy	$\pm 0,5\%$ (0,5-10 m/s) of actual value
Power supply	9-35 VDC
Communication	Modbus RTU
Flow direction	Bi-directional measurement
Ambient temperature	-20 to 60°C
Display	LCD 128 x 64px graphical, sleep mode
Control	3 touch buttons
Housing material	Glass filled polyamide
Connector	CA 6 GS Connector
Electronics protection	IP67
Low flow cut-off	2% of full scale
Other features	Test of excitation coils Earthing through 3 rd and 4 th electrodes Empty pipe detection
4-20 mA output	Max. current 24 mA
Digital communication	RS485 communication bus +I/O
Data-logger	Flash memory 131072 records 15 seconds minimal record interval Saves date, time and total volume
Cable length	3 m as standard, other on request



Sensor specifications

Connection types	DIN, ANSI, Other types on request
Flange	Steel 1.0036 or higher
Nominal size	25-250 mm, other sizes on request
Max. nominal pressure	PN40/300 psi
Ambient temperature	-20 to 60°C
Sensor	IP67
Liner	Hard Rubber, Hygienic Rubber, PTFE Other material on request
Electrodes	Hastelloy as standard, other materials on request
Measuring tube	Stainless steel 1.4301
Outer casing	Carbon steel (1.0036) as standard
External coating	Lacquered finish (anticorrosive)
Accessories options	Earthing rings for plastic and lined pipes
Coils resistance	100 Ω
Other features	Earthing through 3 rd and 4 th electrodes

