

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	Actual flow, volume, positive, negative, total volume and auxiliary volume
Accuracy	$\pm 0,2\%$ of actual value or $\pm 0,4\%$ of actual value
Power supply	Internal lithium battery
Communication	Modbus RTU
Flow direction	Bi-directional measurement
Ambient temperature	-20 to 60°C
Display	Graphical, contrast setup, sleep mode, backlight
Control	6 touch buttons + communication modules
Electronics weight	1,5 kg
Housing material	Aluminum (powder coated)
Housing dimensions	$\varnothing 134$ mm
Cable terminals	M20 IP68 cable glands
Electronics protection	IP68
Other features	Test of excitation coils Empty pipe detection Zero flow adjustment Flow simulator
Outputs	Pulse USB Other on request
Data logger	Internal



Sensor specifications

Connection types	DIN, ANSI, JIS, Other types on request
Flange	Steel 1.0036 or higher Dimensions according to DIN EN 1092-1, ASME B 16.5
Nominal size	25-600 mm, other sizes on request
Maximum nominal pressure	PN40/300 psi
Ambient temperature	-20 to 60°C
Sensor	IP68
Liner	Hard Rubber, PTFE and other material on request WRAS approved material available for all standard sizes
Electrodes	Hastelloy as standard Other materials on request
Measuring tube	Stainless steel 1.4301 dimensions according to EN 10027-2
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

