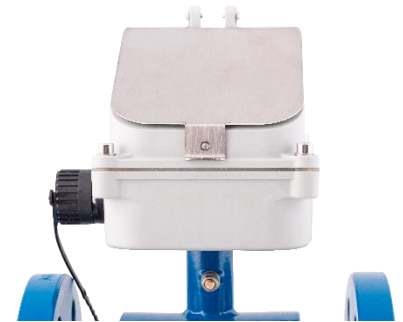


## Technical specification

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



## Sensor specifications

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

