

MID SpiraMAG® TriClamp



MAIN CHARACTERISTICS

Product type:	Electromagnetic flowmeter
Application:	For flow measurement of liquids with a conductivity of $\geq 5\mu\text{S/cm}$
Measuring accuracy:	$\pm 0.25\%$ of reading $\pm 0.1\%$ full scale (for powered devices)
Process temperature:	0°C to + 70°C (compact, rubber liner) 0°C to + 90°C (remote, rubber liner) -40°C to + 100°C (compact, PTFE liner) -40°C to +160°C (remote, PTFE liner)
Process pressure:	6 Up to 16 bar (depending on the diameter)
Housing material:	Stainless steel
Wetted parts:	Hastelloy C (2.4610), stainless steel platinum plated, Titanium (Electrodes), soft rubber, hard rubber or PTFE/PFA (liner)
Power supply:	85-265 VAC (50 / 60 Hz) / 9-36 VDC / battery
Output / Display:	4-20 mA, frequency output / pulse output (active), RS 485 / Display
Process connection:	Tri-Clamp
Special features:	Empty pipe detection, bi-directional measurement any mounting position

MEASURING RANGE

DN	Flow rate (for flow velocity* $\sim 0.3 - 10\text{ m/s}$ *)	
	Qmin [m³/h]	Qmax [m³/h]
15	0.2	6
25	0.5	18
32	0.9	29
40	1.5	45
50	2.1	71
65	3.6	119
80	5.4	181
100	8.5	283

* Recommended flow velocity is 2-3 m/s

INSTALLATION LENGTH

DN	Length in mm
10	180
15	180
20	180
25	180
32	190
40	200
50	220
65	230
80	250
100	270

OPTIONS

- Transducer type with power supply or battery
- Protection class standard IP67, optional IP68

Further information and product variants are available on request.

