

Flow Measurement and control

ELECTROMAGNETIC

FLOW METER

R-401



Main Features:

- Range of diameter 15 to 300 mm
- Compact and remote version with protection IP65
- Mounting of electronic unit in two directions
- Power supply voltage 95 to 250VAC or 24VAC/DC, 50/60Hz
- Dosing feature with several type of digital/analogue outputs

Pipe dimensions

Inner size DN [mm]	Length L [mm]
15 - 80	200
100 - 150	250
200	300
250	350
300	400

Application:

- Water and Wastewater Measurement
- Chemical industry (acids, alkaline solutions)

Spink Magnetic Flowmeter-R-401 is an instrument designed for measuring and indicating flow and total volume of conductive liquids. As there are no moving parts in the flow profile the device can be used to measure extremely dirty liquids containing solids. The flowmeter is for use with conductive liquids only.

Range of applications. The inductive flowmeter **R-401** has been designed for use in all process industries including chemical, water and wastewater.

Features. The inductive flowmeter **R-401** is a highly accurate and stable device. The construction of the **R-401** indicator uses components with a long-term time and temperature stability.

Technical data

Nominal size	Dn15 to DN300
Nominal pressure	Pn15 to PN25 (depending on diameter)
Flow range	0.1 to 10 m/s (0.02 to 5000 l/s)
Accuracy	0.5% (0.5 to 10 m/s) of reading value 1% (0.1 to 0.5 m/s) of reading value
Maximum medium temperature	70°C for rubber liner 130°C for PTFE liner
Ambient temperature	-20 to 70 °C
Power supply	• 115/230V AC (+10%, -15%) • 24V DC/50/60Hz as option
Power consumption	10 VA
Liner	• hard rubber • PTFE
Electrodes	• Hastelloy C276/553/6/Pt/ta/Ti
Measuring tube	SS316/SS304
Flange	CS/SS314/SS316/SS3162/SS204 Dimensions according to Customer Requirement
Protection category	IP67, optionally IP68
Outputs	• Frequency 0 to 10 kHz with programmable flowrate and function • Current loop 4 to 20 mA with programmable flowrate and function
Displayed values	• Flowrate (m ³ /h, l/s, US.Gal/min, user) • Volume (m ³ , l, US.Gal, user)