The Proline Promag W 400

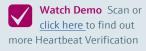
Solutions

Electromagnetic flow meter with NMI Pattern Approval for Water Applications

Proven meter with time & cost saving technologies

- NMI Pattern Approved <u>NMI</u> 14/3/53
- Suitable for pipe sizes from DN25 to DN800
- Device configuration in the field using cutting-edge web server technology
- Heartbeat verification for insitu & reliable meter testing for compliance & auditing
- HistoROM: Automatic device backup ensures high measurement availability
- Reliable long-term operation under water or underground thanks to IP68 protection & certified corrosion protection
- Tried-and-tested sensor technology: over 2 million successful installation applications since 1977









Measured values	Volume flow, electrical conductivity			
Display	Backlit, 4-line, 3 optical keys (Touch control)			
Operation	 Via local display Via web browser Via operating tool, e.g. "Field Care" from Endress+Hauser Via HART handheld 			
Power supply	With universal power supply: AC 85 to 264 V (45 to 65 Hz) AC 18 to 30 V (45 to 65 Hz)			
Housing	Polycarbonate, aluminum			
Ambient temperature	-40 to +60 °C (-40 to +140 °F)			
Degree of protection	IP66/67, type 4X enclosure			
Design	Compact or remote version			
Galvanic isolation	All circuits for outputs and power supply are galvanically isolated from each other			
Outputs / Inputs	Current output (0/4–20 mA HART), pulse/ frequency/switch output (2), status input			
Communication	HART, EtherNet/IP, PROFIBUS DP Modbus RS485, integrated web server, service interface via RJ45 Ethernet and WLAN			
Ex approvals	cCSAus (Cl. I Div 2)			
Custody transfer approvals	■ NMI M 10-1 ■ NMI R 49-1			

Diameters	DN25 to DN800 (1 to 32")			
Process connections	Flanges AS4087 PN16, AS2129 Table E			
Process temperature	−20 to +90 °C (−4 to +194 °F)			
Degree of protection	 Standard: IP66/67, type 4X enclosure Option: IP68, type 6P enclosure 			
Accuracy class	Accuracy class 2			
Materials (liners)	Polyurethane, hard rubber, PTFE Hard rubber liner has AS/NZS 4020:2005 Australian Drinking Water Approval			
Electrical conductivity	≥5 µS/cm (liquids in general)			
	Subject to modification			



Find out more Scan or click here to find more information about the Promag W 400

The Promag W 400 measuring system fulfills the EMC requirements according to IEC/EN 61326 and NAMUR NE21. It also conforms to the requirements of the EU and ACMA directives and thus carries the $\mathbf{C}\mathbf{C}$ and $\mathbf{C}\mathbf{C}\mathbf{C}$ mark.

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