


The Proline Promag W 400

Electromagnetic flow meter with NMI Pattern Approval for Water Applications

Proven meter with time & cost saving technologies

- NMI Pattern Approved - [NMI 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



 **Watch Demo** Scan or [click here](#) to find out more Heartbeat Verification



Technical data

Proline 400 (transmitter)

Measured values	Volume flow, electrical conductivity
Display	Backlit, 4-line, 3 optical keys (Touch control)
Operation	<ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> NMI M 10-1 NMI R 49-1


Promag W (sensors)

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	<ul style="list-style-type: none"> 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 CE and  mark.

Head Office

Endress+Hauser
Australia Pty Ltd
Lvl 1, 16 Giffnock Ave,
Macquarie Park
NSW 2113
Phone 1300 363 707

au.endress.com

Queensland

Bldg 4, 107 Miles
Platting Rd, Eight Mile
Plains, QLD 4113
Phone 07 3457 0200

North Queensland

Lvl 1, 112 Denham St
Townsville QLD 4810
Phone 07 3457 0200

Western Australia

Lvl 2, 92 Walters Dr
Osborne Park WA 6017
Phone 08 6350 2200

Victoria/Tasmania

Bldg C, 211 Wellington
Rd, Mulgrave, VIC 3170
Phone 03 9263 8000

SA/NT

Endress+Hauser
Australia Pty Ltd
Phone 02 8877 7050

IN01219D/36/EN/01.21