

Promag 50W



More information and current pricing:

www.us.endress.com/50W

Benefits:

- Secure, reliable long-term operation – robust and completely welded sensor
- Energy-saving flow measurement – no pressure loss due to cross-section constriction
- Maintenance-free – no moving parts
- Fast commissioning – application-specific Quick Setups
- Safe operation – display provides easily readable process information
- Fully industry compliant – IEC/EN/NAMUR

Specs at a glance

- **Max. measurement error** $\pm 0.5\%$ $\pm 0.2\%$ (optional)
- **Measuring range** 0...110'000 m³/h
- **Medium temperature range** -20...+80°C (-4...+176°F)
- **Max. process pressure** PN6...40 CI 150...300 JIS 10...20K AWWA Class D AS 2129 Table E AS 4087 PN16

Field of application: Promag W is the specialized sensor for all applications in the water industry. Combined with the proven Promag 50 transmitter with push buttons, Promag 50W offers highly accurate measurement of liquids for a wide range of standard applications. Promag 50W is available as compact or remote version.

Features and specifications

Liquids

Measuring principle

Electromagnetic

Product headline

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The specialist in the water and wastewater industry for the most demanding applications.

Liquids

Sensor features

Secure, reliable long-term operation – robust and completely welded sens saving flow measurement – no pressure loss due to cross section constrict
Maintenance-free – no moving parts.

International drinking water approvals. Degree of protection IP68 (Type 6 enclosure).

Transmitter features

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Nominal diameter range

DN 25...2000

1"...78"

Max. measurement error

±0.5%

±0.2% (optional)

Measuring range

0...110'000 m³/h

Max. process pressure

PN6...40

CI 150...300

JIS 10...20K

AWWA Class D

AS 2129 Table E

AS 4087 PN16

Medium temperature range

-20...+80°C

(-4...+176°F)

Liquids

Ambient temperature range

-20...+60°C
-40...+60°C (optional)

Degree of protection

IP 67 (NEMA 4x)
IP 68 (Nema 6P)

Display/Operation

Two line display with backlit
Push button

Outputs

4...20 mA
Pulse/Frequency
Status

Inputs

Status

Digital communication

HART
PROFIBUS PA/DP

Hazardous area approvals

ATEX, IECEx, NEPSI, FM, CSA

Product safety

CE, C-tick, EAC marking

Pressure approvals and certificates

PED, CRN

Hygienic approvals and certificates

Drinking water approvals: ACS, NSF 61, KTW/W270, WRAS BS6920

More information www.us.endress.com/50W