

## Promag 50W



More information and current pricing:

[www.us.endress.com/50W](http://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 m<sup>3</sup>/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 m<sup>3</sup>/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)

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**Degree of protection**

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

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**Display/Operation**

Two line display with backlit  
Push button

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**Outputs**

4...20 mA  
Pulse/Frequency  
Status

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**Inputs**

Status

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**Digital communication**

HART  
PROFIBUS PA/DP

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**Hazardous area approvals**

ATEX, IECEx, NEPSI, FM, CSA

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**Product safety**

CE, C-tick, EAC marking

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**Pressure approvals and certificates**

PED, CRN

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**Hygienic approvals and certificates**

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

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