

Promag 10W



More information and current pricing:

www.endress.com/10W

Benefits:

- Flexible engineering – sensor with fixed or lap-joint process connections
- Reliable measurement – accurate measured values even with 0 x DN inlet run
- Improved plant availability – sensor compliant with industry-specific requirements
- Cost-effective – designed for easy applications and direct integration
- Safe operation – display provides easy readable process information
- Fully industry compliant – IEC/EN/NAMUR

Specs at a glance

- **Max. measurement error** $\pm 0,5\%$ o.r. ± 2 mm/s ($\pm 0,5\%$ o.r. $\pm 0,08$ in/s)
- **Measuring range** 9 dm³/min to 110 000 m³/h (2.5 gal/min to 700 Mgal/day)
- **Medium temperature range** 0 to +80 °C (+32 to +176 °F), -20 to +50 °C (-4 to +122 °F)
- **Max. process pressure** PN 40, Class 300, 20K
- **Wetted materials** Liner: polyurethane; hard rubber

Field of application: Thanks to its international approvals (e.g. for drinking water), Promag W serves a wide variety of applications. Combined with the Promag 10 transmitter for basic applications and direct integration, Promag 10W offers accurate measurement of liquids for a wide range of applications. It will be the preferred solution for customers aiming for minimized cost of ownership. Promag 10W is available as compact or remote version.

Features and specifications

Liquids

Measuring principle

Electromagnetic

Product headline

std_productprofile_product_usp_8093.

std_productprofile_product_field_of_application_34668_1508941419.

Sensor features

std_productprofile_product_benefits_8095_1576681914.

std_productprofile_product_benefits_8096_1576681872.

Maintenance-free – no moving parts.

International drinking water approvals. Degree of protection IP68 (Type 6P enclosure). 2-line display with push buttons.

Transmitter features

std_productprofile_product_benefits_34707_1508943674.

std_productprofile_product_benefits_34705_1508943673.

std_productprofile_product_benefits_34706_1508943673.

Device as compact or remote version. HART.

Nominal diameter range

DN 25...2000

1"...78"

Wetted materials

Liner: polyurethane; hard rubber

Measured variables

Volume flow

Max. measurement error

$\pm 0,5\%$ o.r. ± 2 mm/s ($\pm 0,5\%$ o.r. $\pm 0,08$ in/s)

Measuring range

9 dm³/min to 110 000 m³/h (2.5 gal/min to 700 Mgal/day)

Max. process pressure

PN 40, Class 300, 20K

Liquids

Medium temperature range

0 to +80 °C (+32 to +176 °F), -20 to +50 °C (-4 to +122 °F)

Ambient temperature range

-40 to +60 °C (-40 to +140 °F)

Sensor housing material

DN 25 to 300 (1 to 12"): AlSi10Mg, coated

DN 25 to 2000 (1 to 78"): Carbon steel with protective varnish

Sensor connection housing (standard): AlSi10Mg, coated

Sensor connection housing (option): Polycarbonate

Transmitter housing material

Powder-coated die-cast aluminum

Degree of protection

Degree of protection: IP66/67, type 4X enclosure; IP68, type 6P enclosure

Display/Operation

Two line display

Push buttons

Outputs

4...20mA + pulse, -/status (configurable)

Digital communication

HART

Power supply

AC 20 to 28 V

AC 85 to 250 V

AC 20 to 28 V / DC 11 to 40 V

Hazardous area approvals

FM

CSA

Liquids

Product safety

CE, C-tick, EAC marking

Pressure approvals and certificates

Certificate/Test: PED/VDS

Hygienic approvals and certificates

Drinking water approval: ACS, KTW/W270, NSF 61, WRAS BS 6920

More information www.endress.com/10W