Promag 50H

More information and current pricing:

www.au.endress.com/50H

Benefits:

- Flexible installation concept – numerous hygienic process connections
- Energy-saving flow measurement – no pressure loss due to cross-section constriction
- Fast commissioning – application-specific Quick Setups
- Safe operation – display provides easy readable process information
- Fully industry compliant – IEC/EN/NAMUR
- Maintenance-free – no moving parts

Specs at a glance

- **Max. measurement error** ±0.5% ±0.2% (optional)
- **Measuring range** 0...600 m3/h
- **Medium temperature range** -20...+150℃ (-4...+302℉)
- **Max. process pressure** PN16 to 40
- **Wetted materials** Liner: PFA Electrodes: 1.4435 (316L); Alloy C22, 2.4602 (UNS N06022); Tantalum; Platinum Process Connections: stainless steel, 1.4404 (F316L); PVDF; PVC Seals: O-ring seal (EPDM, FKM, Kalrez), aseptic molded seal (EPDM, FKM, silicone) Grounding Rings: stainless steel, 1.4435 (316L); Alloy C22, 2.4602 (UNS N06022); tantalum

Field of application: Promag H is the preferred sensor for applications with highest requirements in the food & beverage and life science industries. Combined with the proven Promag 50 transmitter with push buttons, Promag 50H offers highly accurate measurement of liquids for a wide range of standard applications. Promag 50H is available in a compact or remote version.

Features and specifications

Liquids

Measuring principle
Electromagnetic

Endress+Hauser

Liquids

Product headline

The flowmeter for smallest flow rates with a modular electronic concept. For demanding hygienic applications.

Sensor features

Flexible installation concept – numerous hygienic process connections. Energy-saving flow measurement – no pressure loss due to cross-section constriction. Maintenance-free – no moving parts. ner made of PFA . Sensor housing made of stainless steel (3-A, EHEDG).

Transmitter features

Fast commissioning – application-specific Quick Setups. Safe operation – display provides easy readable process information. Fully industry compliant – IEC/EN/NAMUR. 2-line backlit display with push buttons. Device in compact or remote version.

Nominal diameter range

DN 2...150
1/12"...6"

Wetted materials

Liner: PFA
Electrodes: 1.4435 (316L); Alloy C22, 2.4602 (UNS N06022); Tantalum; Platinum
Process Connections: stainless steel, 1.4404 (F316L); PVDF; PVC
Seals: O-ring seal (EPDM, FKM, Kalrez), aseptic molded seal (EPDM, FKM, silicone)
Grounding Rings: stainless steel, 1.4435 (316L); Alloy C22, 2.4602 (UNS N06022); tantalum

Measured variables

Volume flow

Max. measurement error

±0.5%
±0.2% (optional)

Liquids

Measuring range

0...600 m3/h

Max. process pressure

PN16 to 40

Medium temperature range

-20...+150℃

(-4...+302℉)

Ambient temperature range

-20...+60℃

-40...+60℃ (optional)

Degree of protection

IP 67 (NEMA 4x)

Display/Operation

Two line display with backlit

Push button

Outputs

4...20 mA

Pulse/Frequency

Status

Inputs

Status

Digital communication

HART

PROFIBUS PA

Hazardous area approvals

ATEX, FM, CSA

Product safety

CE, C-tick, EAC marking

Liquids

Hygienic approvals and certificates

3-A, EHEDG

More information **www.au.endress.com/50H**

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