Promag 53P

Benefits:
- Versatile applications – wide variety of wetted materials
- Energy-saving flow measurement – no pressure loss due to cross-section constriction
- Maintenance-free – no moving parts
- Quality – software for filling and dosing, density, electrode cleaning and also advanced diagnostics
- Easy calculation – bidirectional totalizers
- Automatic recovery of data for servicing

Specs at a glance
- **Max. measurement error** ±0.2%
- **Measuring range** 0...9600 m³/h
- **Medium temperature range** -40...+180°C (-40...+356°F)
- **Max. process pressure** PN10...40 Cl 150...300 JIS 10...20K AS 2129 Table E AS 4087 PN16

Field of application: Promag P is the preferred sensor for applications with highest requirements in a multitude of industries. Combined with the Promag 53 transmitter with touch control, four line display and extended functionality like software options for filling and dosing, electrode cleaning or advanced diagnostics, Promag 53P offers highest accuracy in the most complex and demanding measuring tasks. It is dedicated to chemical and process applications with corrosive liquids and high medium temperatures.

Features and specifications

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<td>Electromagnetic</td>
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Liquids

**Product headline**

Dedicated to chemical and process applications with corrosive liquids and medium temperatures.

**Sensor features**


Nominal diameter: max. DN 600 (24"). All common Ex approvals. Liner made of PTFE or PFA.

**Transmitter features**

Nominal diameter range

DN 15...600
1/2"...24"

Max. measurement error

±0.2%

Measuring range

0...9600 m³/h

Max. process pressure

PN10...40
Cl 150...300
JIS 10...20K
AS 2129 Table E
AS 4087 PN16
**Liquids**

**Medium temperature range**
-40...+180°C
(-40...+356°F)

**Ambient temperature range**
-20...+60°C
-40...+60°C (optional)

**Degree of protection**
IP 67 (NEMA 4x)
IP 68 (Nema 6P)

**Display/Operation**
Four line display with backlit
Touch control

**Outputs**
4...20 mA
Pulse / frequenz (aktive/passive)
Relays
Status

**Inputs**
Status
Current input

**Digital communication**
HART
PROFIBUS PA
Profibus DP
FOUNDATION Fieldbus

**Hazardous area approvals**
ATEX, FM, CSA

**Product safety**
CE, C-tick, EAC marking
More information www.us.endress.com/53P