

## Promag 53P



### Prednosti:

- 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

### Lastnosti na dlani

- **Max. measurement error**  $\pm 0.2\%$
- **Measuring range** 0...9'600 m<sup>3</sup>/h
- **Medium temperature range** -40...+180°C (-40...+356°F)
- **Max. process pressure** PN10...40 CI 150...300 JIS 10...20K AS 2129 Table E AS 4087 PN16

Več informacij in aktualne cene:

[www.si.endress.com/53P](http://www.si.endress.com/53P)

**Področje uporabe:** 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.

### Lastnosti in specifikacije

Liquids

**Merilni princip**

Electromagnetic

## Liquids

### Product headline

The flowmeter for highest medium temperatures with flexible system integration.

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

### Sensor features

Diverse applications – wide variety of wetted materials. Energy - saving flow measurement – no pressure loss due to cross section constriction.

Maintenance - free – no moving parts.

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

### Transmitter features

Quality – software for filling & dosing, density, electrode cleaning and also advanced diagnostics. Easy calculation – bidirectional totalizers.

Automatic recovery of data for servicing.

4-line backlit display with touch control. Device as compact or remote version. HART, PROFIBUS PA/DP, Modbus RS485, FF, EtherNet/IP.

### Nominal diameter range

DN 15...600

1/2"...24"

### Max. measurement error

±0.2%

### Measuring range

0...9'600 m<sup>3</sup>/h

### Max. process pressure

PN10...40

CI 150...300

JIS 10...20K

AS 2129 Table E

AS 4087 PN16

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## Liquids

**Medium temperature range**

-40...+180°C  
(-40...+356°F)

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**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**

Four line display with backlit  
Touch control

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**Outputs**

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

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**Inputs**

Status  
Current input

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**Digital communication**

HART  
PROFIBUS PA  
Profibus DP  
FOUNDATION Fieldbus

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**Hazardous area approvals**

ATEX, FM, CSA

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**Product safety**

CE, C-tick, EAC marking

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