

PF75S (compact, one electrical connection)

Electromagnetic flow meter for industrial applications

PF75S-5#####1#03#####A#00#0

Overview

- Volume and velocity measurements in one sensor
- Precise and stable measurements with accuracies to 0.2%
- For media with conductivity > 5 µS/cm in closed systems
- Measurement range 0 ... 4500 m³/h with pipe diameter DN 3 ... 400
- Robust and resistant to temperature jumps
- No energy loss thanks to continuous measuring tube without constriction
- Graphic display CombiView DFON optionally available and programmable via touch screen or BCP software



Picture similar

Technical data

Performance characteristics

| | |
|------------------------|---|
| Measuring principle | Electromagnetic flow measurement |
| Nominal diameter range | DN 3 ... DN 400 |
| Hysteresis | 3 % o. r. |
| Max. flow velocity | 10 m/s |
| Max. measuring error | ± 1.0 % o. r. ± 0.5 % o. r. , optional ± 0.2 % o. r. , optional |
| Max. turndown ratio | 1 : 1000 |
| Measuring range, flow | 0 ... 10 m/s 0 ... 4500 m³/h |
| Media characteristics | ≥ 5 µS/cm |
| Step response time | ≤ 400 ms |
| Sampling interval | ≤ 200 ms |
| Min. measuring span | 0 ... 0.01 m³/h |
| Damping | 0.2 ... 1000 s |
| Repeatability | ≤ 0.1 % o. r. |

Process conditions

| | |
|---------------------|--------------------------------|
| Process temperature | According to the configuration |
| Process pressure | According to the configuration |

Process connection

| | |
|---|---|
| Connection variants | EN 1092-1 ASME (ANSI) B 16.5 / EN 1759-1 Class 150 DIN 228-1 male thread NPT male thread |
| Sensor tube dimensions | According to the configuration DN 3 ... DN 400 3 ... 400 mm |
| Sensor tube material | Painted steel AISI 316L (1.4404) AISI 304 (1.4301) |
| Wetted parts material, process connection | AISI 316L (1.4404) AISI 304 (1.4301) |
| Wetted parts material, liner | According to the configuration |
| Wetted parts material, electrodes | According to the configuration |

Process connection

| | |
|------------------------------------|--------------------------------|
| Wetted parts material, gas- ket | According to the configuration |
|------------------------------------|--------------------------------|

Surface roughness (in contact with medium)

| | |
|--------------------|-------------|
| Process connection | Ra ≤ 0.8 µm |
|--------------------|-------------|

Ambient conditions

| | |
|---------------------------------------|---|
| Operating temperature | -20 ... 80 °C , with DFON touch screen -20 ... 85 °C , without DFON touch screen |
| Optimal readability temperature range | -10 ... 70 °C |
| Storage temperature range | -20 ... 60 °C |
| Altitude | -200 ... 4000 m |
| Degree of protection (EN 60529) | IP 65 IP 67 |
| Humidity | 0 ... 100 % |
| Insulation resistance | > 100 MΩ |
| Insulation voltage | 500 V DC |

Output signal

| | |
|-----------------------------|---|
| Digital output signal | 1 x pulse / frequency / alarm 2 x pulse / frequency / alarm (optional) |
| Analog output (optional) | 0...20 mA 4...20 mA |
| Voltage drop | 1.2 V DC |
| Relays | 2 relays included in the display |
| Load resistance | ≤ 500 Ω, Vs = 18 V DC ≤ 1000 Ω, Vs = 30 V DC |
| Short circuit protection | Yes |
| Reverse polarity protection | Yes |
| Damping | 0.2 ... 1000 s |

Housing

| | |
|--------------|--|
| Style | FlexHousing, Ø80 mm Bottom process connection |
| Overall size | Refer to section "Dimensional drawings" |
| Material | AISI 304 (1.4301) |

Electrical connection

| | |
|-----------|-------------------------------|
| Connector | M12-A, 5-pin, stainless steel |
|-----------|-------------------------------|

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Technical data

Power supply

| | |
|----------------------|---|
| Voltage supply range | 18 ... 30 V DC |
| Power consumption | ≤ 5 W |
| Power-up time | ≤ 30 s , standard use ≤ 15 min , warm-up for calibration |

Power supply

| | |
|-----------------------------|-----|
| Reverse polarity protection | Yes |
|-----------------------------|-----|

Compliance and approvals

| | |
|-----|---------------------------|
| EMC | IEC 61326-1 EN 61326-1 |
|-----|---------------------------|

Operating conditions

| Nominal diameter | Min. measuring span | | Max. measuring span | |
|------------------|-------------------------------|---------------------|------------------------------|---------------------|
| DN3 | 0 ... 0.01 m ³ /h | 0 ... 2.6 gal/h | 0 ... 0.25 m ³ /h | 0 ... 66 gal/h |
| DN6 | 0 ... 0.04 m ³ /h | 0 ... 10.6 gal/h | 0 ... 1.0 m ³ /h | 0 ... 264 gal/h |
| DN10 | 0 ... 0.11 m ³ /h | 0 ... 29.1 gal/h | 0 ... 2.8 m ³ /h | 0 ... 740 gal/h |
| DN15 | 0 ... 0.25 m ³ /h | 0 ... 66.0 gal/h | 0 ... 6 m ³ /h | 0 ... 1585 gal/h |
| DN20 | 0 ... 0.45 m ³ /h | 0 ... 118.9 gal/h | 0 ... 11 m ³ /h | 0 ... 2906 gal/h |
| DN25 | 0 ... 0.72 m ³ /h | 0 ... 190.2 gal/h | 0 ... 18 m ³ /h | 0 ... 4755 gal/h |
| DN32 | 0 ... 1.16 m ³ /h | 0 ... 306.4 gal/h | 0 ... 29 m ³ /h | 0 ... 7660 gal/h |
| DN40 | 0 ... 1.8 m ³ /h | 0 ... 475.5 gal/h | 0 ... 45 m ³ /h | 0 ... 11887 gal/h |
| DN50 | 0 ... 2.88 m ³ /h | 0 ... 760.8 gal/h | 0 ... 72 m ³ /h | 0 ... 19020 gal/h |
| DN65 | 0 ... 4.8 m ³ /h | 0 ... 1268.0 gal/h | 0 ... 120 m ³ /h | 0 ... 31700 gal/h |
| DN80 | 0 ... 7.2 m ³ /h | 0 ... 1902.0 gal/h | 0 ... 180 m ³ /h | 0 ... 47550 gal/h |
| DN100 | 0 ... 11.2 m ³ /h | 0 ... 2958.7 gal/h | 0 ... 280 m ³ /h | 0 ... 73968 gal/h |
| DN125 | 0 ... 18.0 m ³ /h | 0 ... 4755.0 gal/h | 0 ... 450 m ³ /h | 0 ... 118877 gal/h |
| DN150 | 0 ... 25.6 m ³ /h | 0 ... 6762.8 gal/h | 0 ... 640 m ³ /h | 0 ... 169070 gal/h |
| DN200 | 0 ... 45.2 m ³ /h | 0 ... 11940.6 gal/h | 0 ... 1130 m ³ /h | 0 ... 298514 gal/h |
| DN250 | 0 ... 70.8 m ³ /h | 0 ... 18703.4 gal/h | 0 ... 1770 m ³ /h | 0 ... 467584 gal/h |
| DN300 | 0 ... 100.8 m ³ /h | 0 ... 26628.5 gal/h | 0 ... 2520 m ³ /h | 0 ... 665714 gal/h |
| DN350 | 0 ... 138.0 m ³ /h | 0 ... 36455.7 gal/h | 0 ... 3450 m ³ /h | 0 ... 911394 gal/h |
| DN400 | 0 ... 180.0 m ³ /h | 0 ... 47551.0 gal/h | 0 ... 4500 m ³ /h | 0 ... 1188774 gal/h |

Note: gal is defined as US liq. gal.

Display

General information

| | |
|-------------------|--------------------|
| Panel type | FSTN Graphical LCD |
| Display range | -9999 ... 99999 |
| Max. digit height | 22 mm |
| Material | Polycarbonate |

Ambient conditions

| | |
|---------------------------------------|---------------|
| Operating temperature range | -20 ... 80 °C |
| Optimal readability temperature range | -10 ... 70 °C |

Input signal

| | |
|-------------|------------------------------|
| Update time | ≤ 1 s , max. 0.3 s , typ. |
|-------------|------------------------------|

User configurable data

| | |
|-----------------------------|--|
| Error- / Warning-indication | Individually configurable display and backlight indication in white, green or red colour, steady or flashing light. Configurable limits over the range |
|-----------------------------|--|

| | |
|----------------|---|
| Measuring unit | μS/cm mS/cm % °C °F cm/s Hz kHz l/h m/s m ³ /h |
|----------------|---|

| | |
|-----------------------------|---------------------|
| User defined measuring unit | 8 × 20 pixel matrix |
|-----------------------------|---------------------|

Relays

| | |
|------------------------|------------------------|
| Contacts | 2 x solid state relays |
| Max. load current | 75 mA |
| Max. switching voltage | 60 V |

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Dimensional drawings (mm)

| Nominal diameter | Process connection | Nominal pressure | D | H | L |
|------------------|--------------------|------------------|--------|--------|--------|
| DN3 | EN 1092-1 | PN16 | 90 mm | 142 mm | 200 mm |
| DN6 | EN 1092-1 | PN16 | 90 mm | 142 mm | 200 mm |
| DN10 | EN 1092-1 | PN16 | 90 mm | 142 mm | 200 mm |
| DN15 | EN 1092-1 | PN16 | 95 mm | 144 mm | 200 mm |
| DN20 | EN 1092-1 | PN16 | 105 mm | 149 mm | 200 mm |
| DN25 | EN 1092-1 | PN16 | 115 mm | 195 mm | 200 mm |
| DN32 | EN 1092-1 | PN16 | 140 mm | 201 mm | 200 mm |
| DN40 | EN 1092-1 | PN16 | 150 mm | 211 mm | 200 mm |
| DN50 | EN 1092-1 | PN16 | 165 mm | 225 mm | 200 mm |
| DN65 | EN 1092-1 | PN16 | 185 mm | 245 mm | 200 mm |
| DN80 | EN 1092-1 | PN16 | 200 mm | 255 mm | 200 mm |
| DN100 | EN 1092-1 | PN16 | 220 mm | 281 mm | 250 mm |
| DN125 | EN 1092-1 | PN16 | 250 mm | 281 mm | 250 mm |
| DN150 | EN 1092-1 | PN16 | 285 mm | 335 mm | 300 mm |
| DN200 | EN 1092-1 | PN16 | 340 mm | 393 mm | 350 mm |
| DN250 | EN 1092-1 | PN16 | 405 mm | 451 mm | 450 mm |
| DN300 | EN 1092-1 | PN16 | 460 mm | 547 mm | 500 mm |
| DN350 | EN 1092-1 | PN16 | 520 mm | 577 mm | 550 mm |
| DN400 | EN 1092-1 | PN16 | 580 mm | 607 mm | 600 mm |
| DN25 | EN 1092-1 | PN25 | 115 mm | 195 mm | 200 mm |
| DN32 | EN 1092-1 | PN25 | 140 mm | 201 mm | 200 mm |
| DN40 | EN 1092-1 | PN25 | 150 mm | 211 mm | 200 mm |
| DN50 | EN 1092-1 | PN25 | 165 mm | 225 mm | 200 mm |
| DN65 | EN 1092-1 | PN25 | 185 mm | 245 mm | 200 mm |
| DN80 | EN 1092-1 | PN25 | 200 mm | 255 mm | 200 mm |
| DN100 | EN 1092-1 | PN25 | 235 mm | 281 mm | 250 mm |
| DN125 | EN 1092-1 | PN25 | 270 mm | 281 mm | 250 mm |
| DN150 | EN 1092-1 | PN25 | 300 mm | 335 mm | 300 mm |
| DN200 | EN 1092-1 | PN25 | 360 mm | 393 mm | 350 mm |
| DN250 | EN 1092-1 | PN25 | 425 mm | 451 mm | 450 mm |
| DN25 | EN 1092-1 | PN40 | 115 mm | 195 mm | 200 mm |
| DN32 | EN 1092-1 | PN40 | 140 mm | 201 mm | 200 mm |
| DN40 | EN 1092-1 | PN40 | 150 mm | 211 mm | 200 mm |
| DN50 | EN 1092-1 | PN40 | 165 mm | 225 mm | 200 mm |
| DN65 | EN 1092-1 | PN40 | 185 mm | 245 mm | 200 mm |
| DN80 | EN 1092-1 | PN40 | 200 mm | 255 mm | 200 mm |
| DN100 | EN 1092-1 | PN40 | 235 mm | 281 mm | 250 mm |
| DN125 | EN 1092-1 | PN40 | 270 mm | 281 mm | 250 mm |
| DN150 | EN 1092-1 | PN40 | 300 mm | 335 mm | 300 mm |
| DN200 | EN 1092-1 | PN40 | 375 mm | 393 mm | 350 mm |
| DN250 | EN 1092-1 | PN40 | 450 mm | 451 mm | 450 mm |

Attention: Nominal diameters DN3 and DN6 have process connections of size DN10

PF75S (compact, one electrical connection)

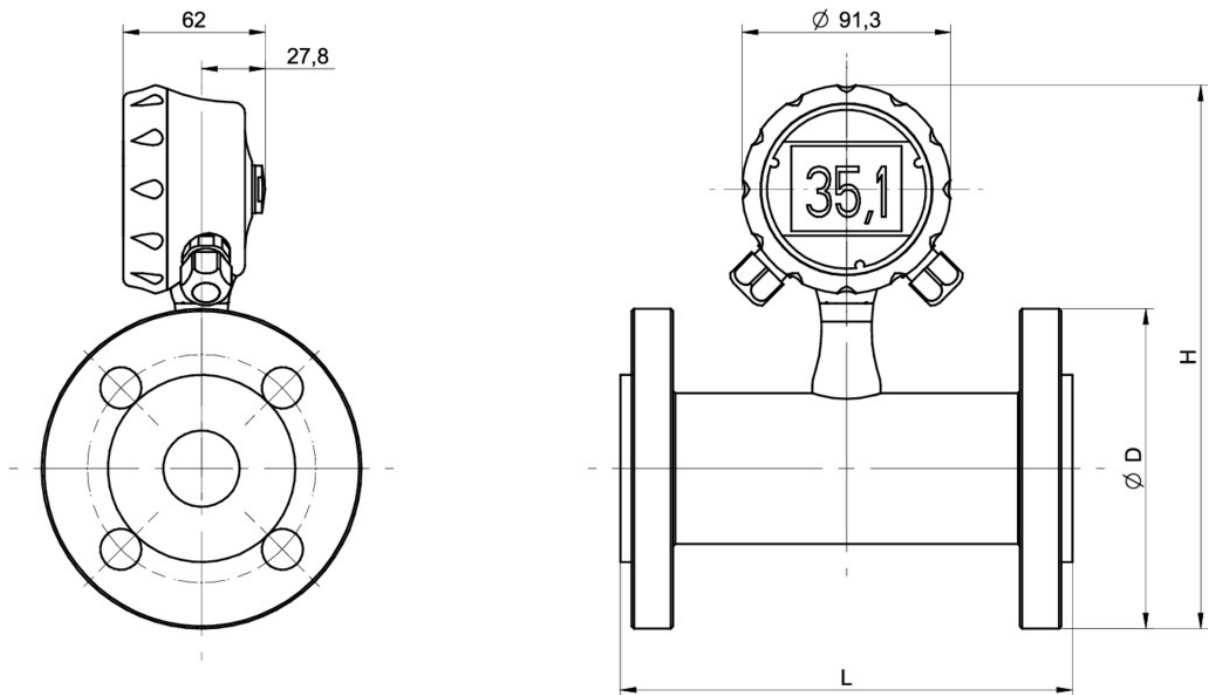
Electromagnetic flow meter for industrial applications

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Dimensional drawings (mm)

| Nominal diameter | Process connection | Nominal pressure | D | H | L |
|------------------|-----------------------|------------------|----------|----------|----------|
| DN3 | ASME B 16.5 Class 150 | PN16 | 88.9 mm | 141.5 mm | 200.0 mm |
| DN6 | ASME B 16.5 Class 150 | PN16 | 88.9 mm | 141.5 mm | 200.0 mm |
| DN10 | ASME B 16.5 Class 150 | PN16 | 88.9 mm | 141.5 mm | 200.0 mm |
| DN15 | ASME B 16.5 Class 150 | PN16 | 88.9 mm | 141.5 mm | 200.0 mm |
| DN20 | ASME B 16.5 Class 150 | PN16 | 98.4 mm | 146.2 mm | 200.0 mm |
| DN25 | ASME B 16.5 Class 150 | PN16 | 108.0 mm | 195.0 mm | 200.0 mm |
| DN32 | ASME B 16.5 Class 150 | PN16 | 117.3 mm | 201.0 mm | 200.0 mm |
| DN40 | ASME B 16.5 Class 150 | PN16 | 127.0 mm | 211.0 mm | 200.0 mm |
| DN50 | ASME B 16.5 Class 150 | PN16 | 152.4 mm | 225.0 mm | 200.0 mm |
| DN65 | ASME B 16.5 Class 150 | PN16 | 177.8 mm | 245.0 mm | 200.0 mm |
| DN80 | ASME B 16.5 Class 150 | PN16 | 190.5 mm | 255.0 mm | 200.0 mm |
| DN100 | ASME B 16.5 Class 150 | PN16 | 228.6 mm | 281.0 mm | 250.0 mm |
| DN125 | ASME B 16.5 Class 150 | PN16 | 254.0 mm | 281.0 mm | 250.0 mm |
| DN150 | ASME B 16.5 Class 150 | PN16 | 279.4 mm | 335.0 mm | 300.0 mm |
| DN200 | ASME B 16.5 Class 150 | PN16 | 342.9 mm | 393.0 mm | 350.0 mm |
| DN250 | ASME B 16.5 Class 150 | PN16 | 406.4 mm | 451.0 mm | 450.0 mm |
| DN300 | ASME B 16.5 Class 150 | PN16 | 482.6 mm | 489.0 mm | 500.0 mm |
| DN350 | ASME B 16.5 Class 150 | PN16 | 508.0 mm | 502.0 mm | 550.0 mm |
| DN400 | ASME B 16.5 Class 150 | PN16 | 584.5 mm | 540.0 mm | 600.0 mm |

Attention: Nominal diameters DN3, DN6 and DN10 have process connections of size DN15



| Nominal diameter | Process connection | Nominal pressure | D | H | L |
|------------------|------------------------------|------------------|---------|----------|----------|
| DN3 | 1/2" DIN 228-1 male thread | PN16 | 76.0 mm | 211.0 mm | 200.0 mm |
| DN6 | 1/2" DIN 228-1 male thread | PN16 | 76.0 mm | 211.0 mm | 200.0 mm |
| DN10 | 3/4" DIN 228-1 male thread | PN16 | 76.0 mm | 211.0 mm | 200.0 mm |
| DN15 | 1" DIN 228-1 male thread | PN16 | 76.0 mm | 211.0 mm | 200.0 mm |
| DN20 | 1 1/4" DIN 228-1 male thread | PN16 | 76.0 mm | 211.0 mm | 200.0 mm |

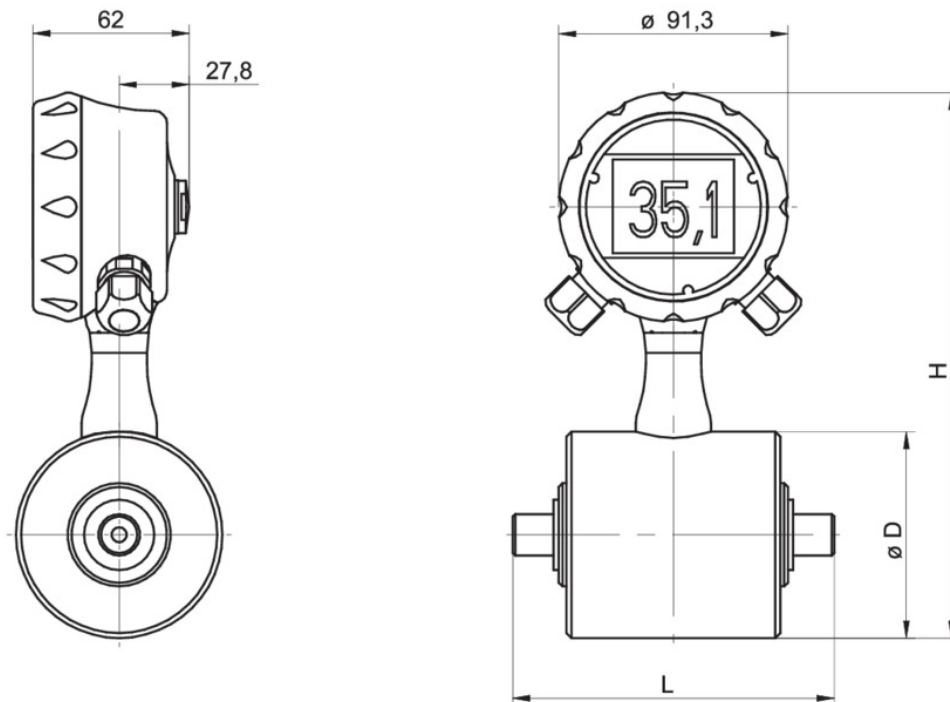
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Dimensional drawings (mm)

| Nominal diameter | Process connection | Nominal pressure | D | H | L |
|------------------|------------------------|------------------|-------|--------|--------|
| DN3 | 1/2" NPT male thread | PN16 | 76 mm | 211 mm | 128 mm |
| DN6 | 1/2" NPT male thread | PN16 | 76 mm | 211 mm | 128 mm |
| DN10 | 3/4" NPT male thread | PN16 | 76 mm | 211 mm | 128 mm |
| DN15 | 1" NPT male thread | PN16 | 76 mm | 211 mm | 128 mm |
| DN20 | 1 1/4" NPT male thread | PN16 | 76 mm | 211 mm | 128 mm |



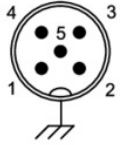
PF75S (compact, one electrical connection)

Electromagnetic flow meter for industrial applications

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Electrical connection

M12-A, 5-pin



Left side connection



Left side connection (front view): M12-A, 5-pin

| Function | | | Pin assignment |
|------------------------------|------------------|----------------|----------------|
| V _{DC} ⁺ | Power supply + | 18 ... 30 V DC | 1 |
| V _{DC} ⁻ | Power supply - | 18 ... 30 V DC | 3 |
| mA ⁺ | Analog output | 4 ... 20 mA | 2 |
| IO-Link/SW | IO-Link/SW | | 4 |
| Out 1 | Digital output 1 | Selectable | 5 |

Terminal assignment transmitter



PF75S (compact, one electrical connection)

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Electrical connection

Terminal assignment DFON display



PF75S (compact, one electrical connection)

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Ordering information
Ordering key - Configuration possibilities see website

| | PF75S | - | 5 | # | # | # | # | # | 1 | # | 0 | 3 | # | # | # | # | # | # | # | A | # | 0 | 0 | # | 0 |
|--|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Product | PF75S | | | | | | | | | | | | | | | | | | | | | | | | |
| Housing | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stainless steel 1.4301 / AISI304 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bottom connection | | | 5 | | | | | | | | | | | | | | | | | | | | | | |
| Max. measurement error | | | | | | | | | | | | | | | | | | | | | | | | | |
| ±1.0 % o.r | | | | | | | | | | | | | | | | | | | | | | | | | |
| ±0.5 % o.r | | | | | | | | | | | | | | | | | | | | | | | | | |
| ±0.2 % o.r | | | | | | | | | | | | | | | | | | | | | | | | | |
| Display | | | | | | | | | | | | | | | | | | | | | | | | | |
| Without display | | | | | | | | | | | | | | | | | | | | | | | | | |
| With display, with activated relays | | | | | | | | | | | | | | | | | | | | | | | | | |
| Output signal analog | | | | | | | | | | | | | | | | | | | | | | | | | |
| Without | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 ... 20 mA | | | | | | | | | | | | | | | | | | | | | | | | | |
| Output signal digital | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 x Active pulse / frequency output (programmable) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 x Active pulse / frequency output (programmable) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interface | | | | | | | | | | | | | | | | | | | | | | | | | |
| Without | | | | | | | | | | | | | | | | | | | | | | | | | |
| HART® | | | | | | | | | | | | | | | | | | | | | | | | | |
| Electrical connection | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 x M12-A, 5-pin | | | | | | | | | | | | | | | | | | | | | | | | | |
| Material of el. connection | | | | | | | | | | | | | | | | | | | | | | | | | |
| Plastic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stainless steel, AISI 304 (1.4301) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Converter version | | | | | | | | | | | | | | | | | | | | | | | | | |
| Compact | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protection class | | | | | | | | | | | | | | | | | | | | | | | | | |
| IP65, IP67 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Process temperature (conti.) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 ... 60 °C | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 ... 70 °C | | | | | | | | | | | | | | | | | | | | | | | | | |
| -5 ... 80 °C | | | | | | | | | | | | | | | | | | | | | | | | | |
| -20 ... 100 °C | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max. process pressure | | | | | | | | | | | | | | | | | | | | | | | | | |
| PN16 | | | | | | | | | | | | | | | | | | | | | | | | | |
| PN25 | | | | | | | | | | | | | | | | | | | | | | | | | |
| PN40 | | | | | | | | | | | | | | | | | | | | | | | | | |

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Ordering information

Ordering key - Configuration possibilities see website

PF75S - 5 # # # # # 1 # 0 3 # # # # # # # # A # 0 0 # 0

Nominal diameter

| | |
|-------|---|
| DN3 | A |
| DN6 | B |
| DN10 | C |
| DN15 | D |
| DN20 | E |
| DN25 | F |
| DN32 | G |
| DN40 | H |
| DN50 | I |
| DN65 | J |
| DN80 | K |
| DN100 | L |
| DN125 | M |
| DN150 | N |
| DN200 | O |
| DN250 | P |
| DN300 | Q |
| DN350 | R |
| DN400 | S |

Process connection

| | |
|-----------------------|---|
| DIN 228-1 male thread | 1 |
| NPT male thread | 2 |
| EN 1092-1 | A |
| ASME B 16.5 Class 150 | B |

Sensor body and process connec

| | |
|---------------|---|
| Painted steel | 1 |
| AISI 316L | 2 |
| AISI 304 | 3 |

Liner material

| | |
|---------|---|
| PTFE | 1 |
| PP | 3 |
| Ebonite | 4 |
| Rilsan | 5 |
| Abral | 6 |

Electrodes material

| | |
|-------------|---|
| AISI 316L | 1 |
| Hastelloy C | 2 |
| Titanium | 4 |
| Tantalum | 5 |

Number of electrodes

| | |
|------------------|---|
| Two electrodes | 2 |
| Three electrodes | 3 |
| Four electrodes | 4 |

Surface finish

| | |
|-------------|---|
| Ra ≤ 0,8 µm | A |
|-------------|---|

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Ordering information

Ordering key - Configuration possibilities see website

| | PF75S | - | 5 | # | # | # | # | # | 1 | # | 0 | 3 | # | # | # | # | # | # | A | # | 0 | 0 | # | 0 |
|--|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sealing-/ O-ring material (int) | | | | | | | | | | | | | | | | | | | | | | | | |
| FKM | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| FFKM | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| EPDM | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Sealing by lining | | | | | | | | | | | | | | | | | | | | | | | | 7 |
| Special approvals | | | | | | | | | | | | | | | | | | | | | | | | |
| Standard | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| Measuring Instr. Directive | | | | | | | | | | | | | | | | | | | | | | | | |
| Without | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| Calibration certificate | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 point calibration certificate (standard) | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| 3 point calibration certificate | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 5 point calibration certificate | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| 10 point calibration certificate | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Configuration / Parametrizatio | | | | | | | | | | | | | | | | | | | | | | | | |
| Factory settings | | | | | | | | | | | | | | | | | | | | | | | | 0 |