Differenzdrucktransmitter

Accurancy 0.4%

Measuring ranges:
0 ÷ 1, 0 ÷ 2.5, 0 ÷ 4 bar
0 ÷ 6, 0 ÷ 10 bar
0 ÷ 16, 0 ÷ 25 bar

Output signal
4 ÷ 20 mA or 0 ÷ 10 V

Process connection:
M20x1.5, 1/4"NPTF

Metrological parameters

Accuracy 0.4%
Hysteresis, repeatability 0.05%
Overpressure limit 6 × range max., 40 bar
Thermal compensation range 0 ÷ 70°C
Thermal error 0.2% / 10°C
Long – term stability 0.5% / year

Technical data

Degree of protection IP-65
Material of process connection and diaphragms 00H17N14M2 (316 Lss)
Material of casing 0H18N9 (304ss)

Operating conditions

Operating temperature range (ambient temp.) –25 ÷ 80°C
Medium temperature range –25 ÷ 120°C – direct measurement
> 120°C – measurement using an impulse line

Electrical diagrams

Output signal
4 ÷ 20 mA, two wire transmission
0 ÷ 10 V, three wire transmission

Power supply
8…36 VDC – two wire transmission
13…30 VDC – three wire transmission
24 VAC

Load resistance
(1) R ≤ \( \frac{U_{\text{sup}} - 8}{0.02} \) \Omega
(2) R ≥ 20kΩ

Electrical parameters

Ordering procedure

AS-dP /

Measuring range:
0 ÷ 1, 0 ÷ 2.5, 0 ÷ 4,
0 ÷ 10, 0 ÷ 16
or 0 ÷ 25 bar

Process connection:
M20x1.5 or 1/4"NPTF

Output signal:
4 ÷ 20 mA or 0 ÷ 10 V