

Announcement Differential pressure transmitter P26

Configurable pressure transmitter with automatic zero-point correction

- Measurement ranges from 0..10 Pa to 100 kPa
- For measuring positive or negative pressures, even asymmetrically
- Scalable measurement ranges and units
- Measurement ranges / outputs can be configured
- Automatic zero-point calibration prevents zero-point drift
- Built-in valve provides a high level of overload protection
- Inductive measurement cell for highly accurate measurement and temperature stability
- Can be calibrated (ex works and on-site)
- Also for volume / mass flow and flow rate measurements with immediate display of the values
- Multilingual operating menu
- With 2 alarm contacts
- With multicolour LCD
- USB port
- Top hat rail assembly and wall mounting, IP 65
- CE and CSA approved

Technical data

Measurement ranges:	10/ 50/ 100/ 250/ 500 Pa, 1 / 2.5 / 5/ 10 / 20 / 50 / 100 kPa (others available upon request) freely scalable from 10..100% within a measurement range
Analog outputs:	0..10 V, 0..20 mA, 4..20 mA, \pm 5 V
Power supply:	24 VAC, 24 VDC, 24 VAC, 230/115 VAC with galvanic separation
LCD:	Multicolour + keyboard
Contact points:	2 switching relays max. 230 VAC, 6 A
Margin of error:	0.2% of the scaled range, min. 0.3 Pa Standard: 0.5% of scaled range

Temperature
 coefficient margin: 0.03 % of max. value/K
 Temperature
 coefficient
 zero point: $\pm 0.0 \%$
 Max. system pressure
 Overload capacity: 600 kPa for
 measurement ranges
 ≥ 2.5 kPa
 200x for measurement
 ranges < 2.5 kPa
 Medium: Air, all non-aggressive
 gases
 Sensor
 response time: 25 ms
 Time constant: 20 ms.. 60 s (adjustable)
 Operating
 temperature: $10^{\circ}\text{C} \dots 50^{\circ}\text{C}$,
 Storage
 temperature: $-10^{\circ}\text{C} \dots 70^{\circ}\text{C}$
 Power
 consumption: approx. 6 VA
 Weight: approx. 0.75 kg
 Cable glands: 3 x M 16
 Pressure ports: Nominal width of 6 mm
 for hose, others available
 upon request
 Protection class: IP 65, with USB IP 40
 Housing/cover: ABS
 Dimensions: 164 mm x 102.5 mm x
 76 mm
 Wall mounted
 housing: Top hat rail assembly and
 wall mounting possible
 Certificates: CE, CSA
 Data interface: USB, data cable supplied
 External zero-point
 calibration
 Optional: DAkkS calibration
 certificate,
 ISO factory calibration
 certificate

**Designation: Differential pressure
 transmitter**
Type: P26
**Manufacturer: halstrup-walcher
 GmbH**