

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/ UKCA

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
Outputs:	0 .. 10 V, 0 .. 20 mA, 4 .. 20 mA, ± 5 V
Power supply:	24 VAC/DC, 24 VAC, 230/115 VAC
LCD:	Multicolour + keyboard
Contact points:	2 relays max. 230 VAC, 6 A
Measurement accuracy:	$\pm 0.2\%$ FS (for measurement ranges ≤ 50 kPa) or $\pm 0.5\%$ FS
Temperature coefficient span:	0.03% FS/K (10 .. 50°C)
Temperature coefficient zero point:	$\pm 0.0\%$ (cyclical zero-point correction)
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
Step response time (T63) (Time constant):	25 ms.. 40 s (adjustable)
Rated temperature range:	10°C .. 50°C,
Storage temperature:	-10°C .. 70 °C
Power consumption:	approx. 6 VA
Weight:	approx. . 750 g
Cable glands:	3 x M 16
Pressure ports:	for tubing NW 6 mm, others available on 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 / UKCA
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