## 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

**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: ±0.2%FS (for measurement ranges ≤ 50 kPa) or ±0.5% FS

Temperature coefficient span: max. 0.03% FS/K (10 .. 50°C)

Temperature coefficient zero point: ± 0 % (cyclical/manual 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 and non-flammable gases

Sensor response time: 25 ms

Step response time (T63)

(Time constant): 25 ms.. 60 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: see order code, others on request,
clamping range Ø 5 ... 10 mm

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, NRTL according to UL/CSA 61010-1

Data interface: USB, data cable supplied, External zero-point calibration

Optional: DAkkS calibration certificate, ISO factory calibration certificate

**Designation: Differential pressure transmitter**

**Type: P 26**

**Manufacturer: halstrup-walcher GmbH**