

Order code	A	B	C	D	E	F	G	H	I
P26									

Output ²⁾ (linear/root-extracted)	A
0 .. 10 V ($R_L \geq 2 \text{ k}\Omega$)	1
0 .. 20 mA ($R_L \leq 500 \Omega$)	0
4 .. 20 mA ($R_L \leq 500 \Omega$)	4
$\pm 5 \text{ V}$ ($R_L \geq 2 \text{ k}\Omega$)	5

²⁾ output signals can be configured freely

Power supply	B
24 VAC/DC $\pm 10 \%$	24ACDC
24 VAC $\pm 10 \%$ (with galvanic separation)	24AC
230/115 VAC $\pm 10 \%$	230/115

Measurement range	C
Measurement range e.g. 0 .. 10 Pa, -10 .. 50 mbar, $\pm 100 \text{ mmHg}$ (etc.)	

Measurement accuracy	D
$\pm 0.2 \%$ of FS ³⁾	2
$\pm 0.5 \%$ of FS	S

³⁾ for measurement ranges $\leq 50 \text{ kPa}$

Display + keyboard	E
none	0
multi-coloured LCD and keyboard	LC



Contact points	F
none	0
air meter	1
2 relays (changeover contacts) max. 230 VAC, 6 A	2

Data interface	G
none	0
USB (data cable supplied)	U0
External zero-point calibration ⁴⁾	0X
External zero-point calibration ⁴⁾ and USB (data cable supplied)	UX

⁴⁾ Supply voltage of 24 VDC required

Pressure connections	H
tube fitting 4/6	S
laboratory tube tail DIN12898	L
Festo-Fittings 4 mm	K4
Festo-Fittings 6 mm	K6
cutting/clamping fitting 6 mm	S6
cutting/clamping fitting 8 mm	S8

Calibration certificate	I
none	0
Factory calibration	I
Calibration according to DKDR-6-1	D

Can be pre-set on request:

Time constant, relay parameter, analogue output root-extracted/linear, deactivation of the cyclic zeroing

Features

- High precision differential pressure transmitter for air-conditioning, cleanroom and process
- Top-hat rail or wall mounting
- Wide range of units for pressure and volume flow
- Also \pm measurement ranges
- Scalable measurement ranges and units
- Zero-point correction prevents zero-point drift
- Built-in valve provides a high level of overpressure protection
- Multilingual menu (English/French/German/Italian)
- Extensive configuration options using free parametrization software via internal RS232 interfaces

Optional

- Contact points with adjustable switching outputs
- Set the zero-point via an external interface
- Display and operating keys
- USB interface
- Air meter function

Measurement ranges (also \pm measurement ranges) others available upon request	10/50/100/250/500 Pa 1/2.5/5/10/20/50/100 kPa freely scalable from 10 .. 100 % within a measurement range
Measurement accuracy ¹⁾	$\pm 0.2 \%$ FS (for measurement ranges $\leq 50 \text{ kPa}$) or $\pm 0.5 \%$ FS
Temperature coefficient span	max. 0.03 % FS/K
Temperature coefficient zero point	$\pm 0\%$ (cyclical/manual zero-point correction)
Max. system pressure/ Overload capacity	600 kPa for measurement ranges $\geq 2.5 \text{ kPa}$ 200 x for measurement ranges $< 2.5 \text{ kPa}$
Medium	air, all non-aggressive gases
Step response time (T63) (Time constant)	25 ms .. 60 s (adjustable)
Rated temperature range	10 .. 50 °C
Storage temperature	-10 .. 70 °C
Power consumption	approx. 6 VA
Weight	approx. 750 g
Cable glands	3 x M16
Pressure ports	see order code others on request clamping range $\varnothing 5 \dots 10 \text{ mm}$
Protection class	IP 65, with USB: IP 40
Certificates	CE / UKCA

¹⁾ Measurement accuracy for the reference 0.3 Pa, for measuring ranges $\leq \pm 1.5 \text{ kPa}$



Accessories and software

Accessories

Connection parts

Silicone tubing ID 5 mm, AD 9 mm, red
(please state length required)

Order no.

9601.0003

Silicone tubing ID 5 mm, AD 9 mm, blue
(please state length required)

9601.0004

Norprene tubing ID 4,8 mm, AD 8 mm, black
(please state length required)

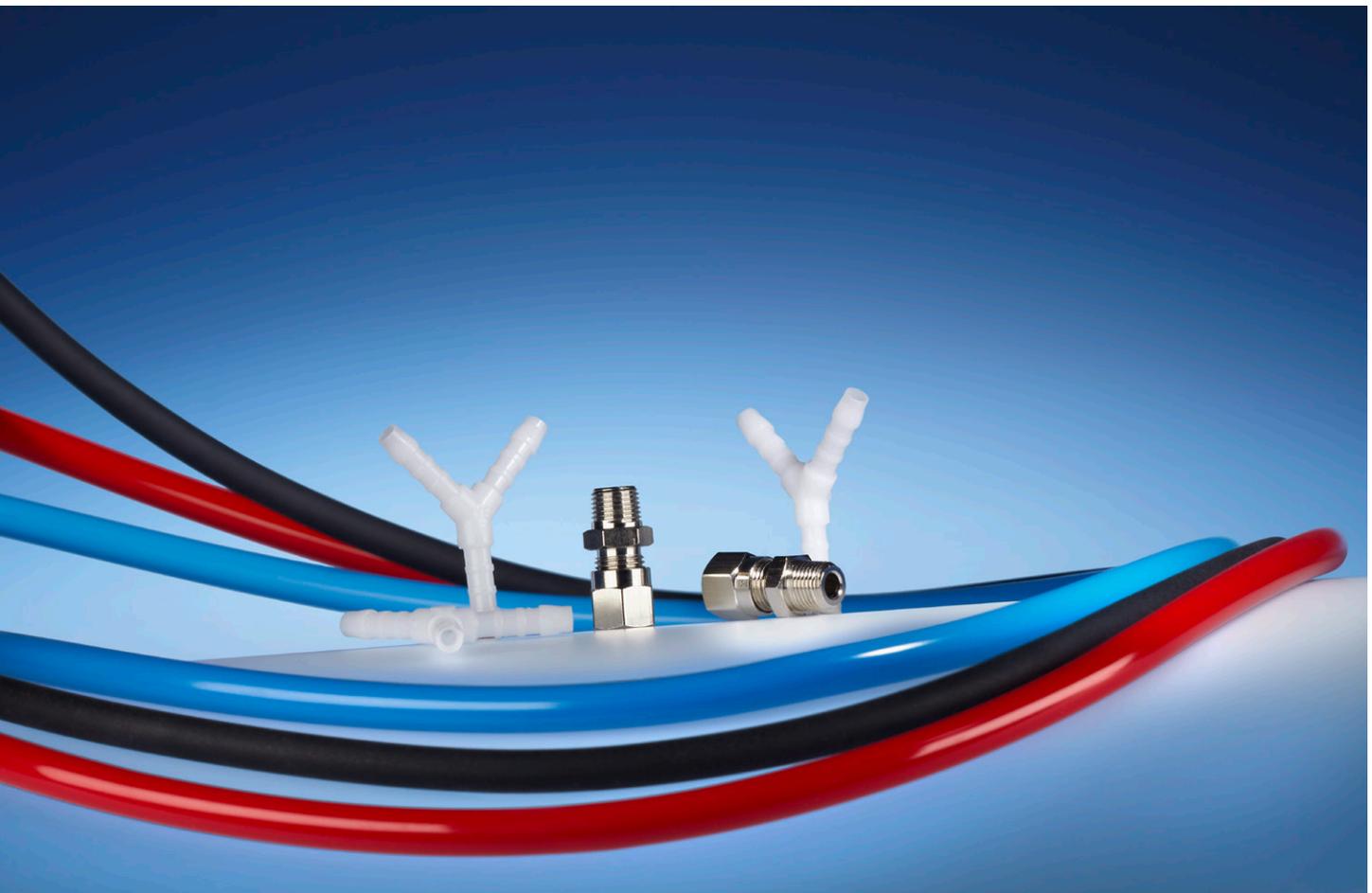
9061.0002

Y-piece for tubing, NW 5mm

9601.0171

Pressure connections

You can also obtain numerous customized pressure connections from us, e.g. various cutting ring fittings or hose nozzles.



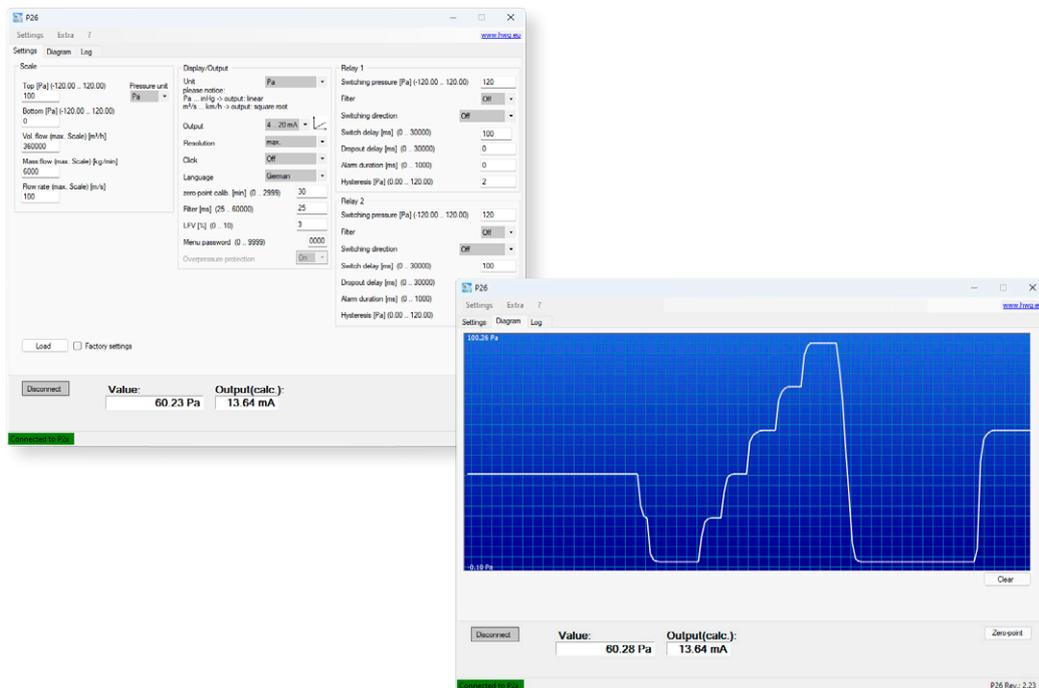
Application software

You can set the parameters for our instruments or monitor and record measurements using a PC via a USB or RS232 interface. These features are supported by our free user software. This also allows you to transfer your settings to other devices by saving and reusing them.

Our user software is compatible with the following pressure transmitters: P 26, P 34 and P 29.

You can download the software here:

www.halstrup-walcher.de/en/software



Calibration services

You can also have our devices tested and confirmed in our accredited calibration laboratory in accordance with DKD-R 6-1 or as a factory calibration. Our trained experts will be happy to advise you on the calibration of our pressure measurement devices. Recalibration of third-party devices that are included in our scope of accreditation is also possible. If required, we offer adjustment for pressure measurement products manufactured by halstrup-walcher. In addition, we offer you further services within the scope of calibration, please contact us.

You can find more information at: www.halstrup-walcher.de/en/products/calibration.php



To place your order, please call us at

+49 7661 3963-0 or email us at

info@halstrup-walcher.com.

For additional contacts, please visit

www.halstrup-walcher.de/en/contact