



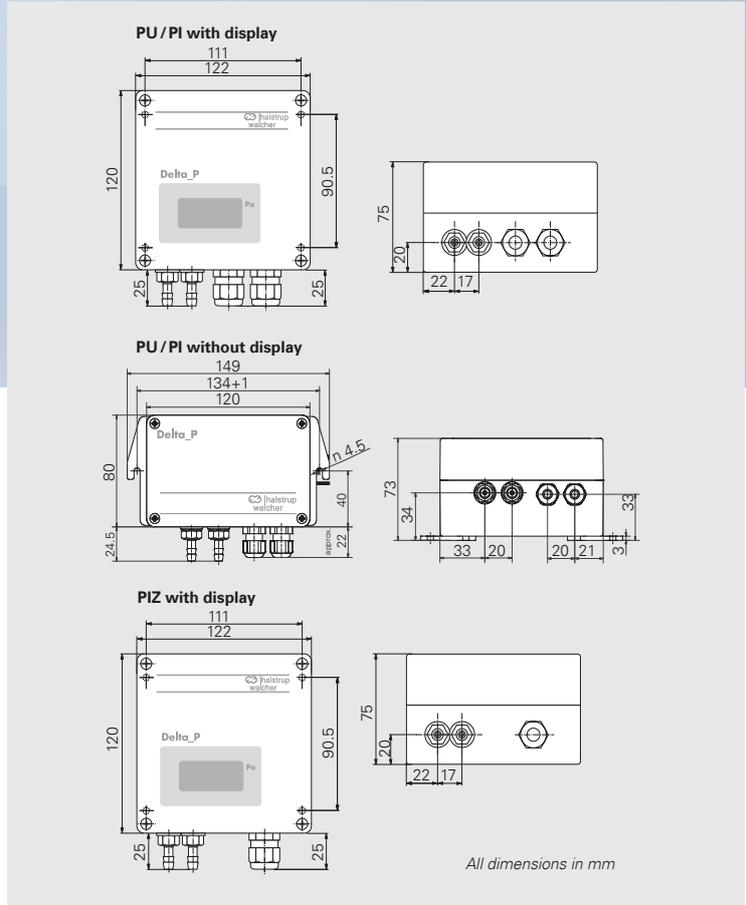
Figure: Version with 3 1/2 digit display

**Features**

- Differential pressure transmitter with linear curve for air-conditioning applications
- Also available as a two-wire system ("PIZ" model)
- Also for ± measurement ranges and asymmetric measurement ranges
- With optional LCD

|  |   |
|--|---|
| Measurement ranges (also ± measurement ranges) others available upon request | 50/100/250/500 Pa<br>1/2.5/5/10/20/50/100 kPa   |
| Measurement accuracy <sup>1)</sup>   | ± 0.2 % FS <sup>2)</sup> only for measurement ranges ≥ 250 Pa and ≤ 50 kPa<br>or ± 0.5 % FS <sup>2)</sup> , or ± 1 % FS |
| Temperature coefficient span   | max. 0.04 % FS/K  |
| Temperature coefficient zero point   | max. ±0.04 % FS/K   |
| Zero point stability   | 0.5 % FS/year   |
| Overload capacity  | 10 x for measurement ranges ≤ 20 kPa<br>2 x for measurement ranges > 20 kPa   |
| Medium   | air, all non-aggressive gases   |
| Max. system pressure   | 10 kPa for measurement ranges ≤ 10 kPa<br>max. nominal pressure of the sensor for measurement ranges above 10 kPa       |
| Step response time (T63) (Time constant)                                     | 20 ms (adjustable)  |
| Rated temperature range  | 10 .. 60 °C   |
| Storage temperature  | -10 .. 70 °C  |
| Power consumption  | PU/PI: approx. 3 VA<br>PIZ: max. 0.6 VA   |
| Weight   | approx. 0.8 kg  |
| Cable glands (others available upon request)                                 | PU/PI: 2xPG7<br>PIZ: 1xPG7  |
| Pressure ports   | for tubing NW 6 mm  |
| Protection class   | IP65  |
| Certificates   | CE/UKCA   |

<sup>1)</sup> Measurement accuracy for the reference 0.3 Pa, for measuring ranges ≤ ±1.5 kPa  
<sup>2)</sup> not for PIZ with ± measuring ranges



| Order code | A | B | C | D | E | F | G |
|------------|---|---|---|---|---|---|---|
|------------|---|---|---|---|---|---|---|

| Model | Output  | A  |
|-------|---|----|
| PU    | 0 .. 10 V (R <sub>L</sub> ≥ 2kΩ)  | U  |
| PI    | 0 .. 20 mA (R <sub>L</sub> ≤ 500Ω)                                      | I0 |
| PI    | 4 .. 20 mA (R <sub>L</sub> ≤ 500Ω)                                      | I4 |
| PIZ   | 4 .. 20 mA Zweileiter (R <sub>L</sub> ≤ 50 (U <sub>0</sub> (V)-10(V))Ω) | IZ |

| Step response time | E |
|--------------------|---|
| none               | 0 |
| 1 s                | 1 |
| 2 s                | 2 |
| 5 s                | 5 |

| Measurement range   | B |
|---|---|
| Measurement range e.g. 0 .. 100 Pa, 0 .. 60 mbar, ± 110 mmHg (etc.) |   |

| LCD                        | F |
|----------------------------|---|
| none                       | 0 |
| 3 ½ digit (see foto)       | 3 |
| 4 ½ digit (only for PU/PI) | 4 |

| Measurement accuracy   | C  |
|--|----|
| ± 0.2 % FS <sup>2)</sup> only for measurement ranges ≥ 250 Pa and ≤ 50 kPa | 02 |
| ± 0.5 % FS <sup>2)</sup>   | 05 |
| ± 1 % FS   | 1  |

<sup>2)</sup> not for PIZ with ± measurement ranges

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

| Supply voltage  | D   |
|---|-----|
| 24 VDC, +20 % / -15 % <sup>3)</sup>                   | 24D |
| 24 VAC, ±10 % <sup>3)</sup> (with galvanic isolation) | 24A |
| 115 VAC, ±10 % <sup>3)</sup>                          | 115 |
| 230 VAC, ±10 % <sup>3)</sup>                          | 230 |
| 10 .. 32 VDC (two-wire system) <sup>4)</sup>          | PIZ |

<sup>3)</sup> not for PIZ  
<sup>4)</sup> only for PIZ



## 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)

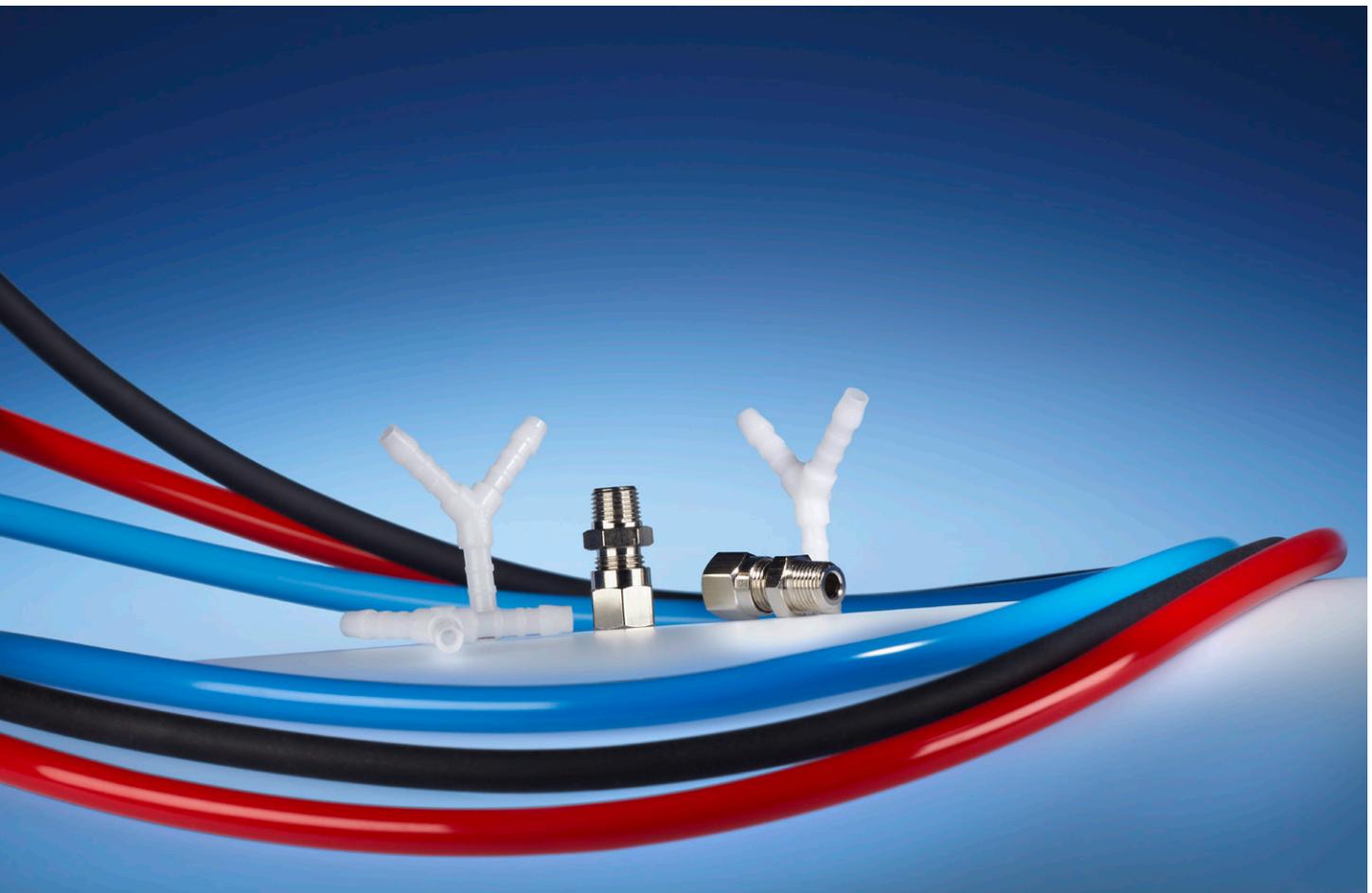
9061.0002

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.



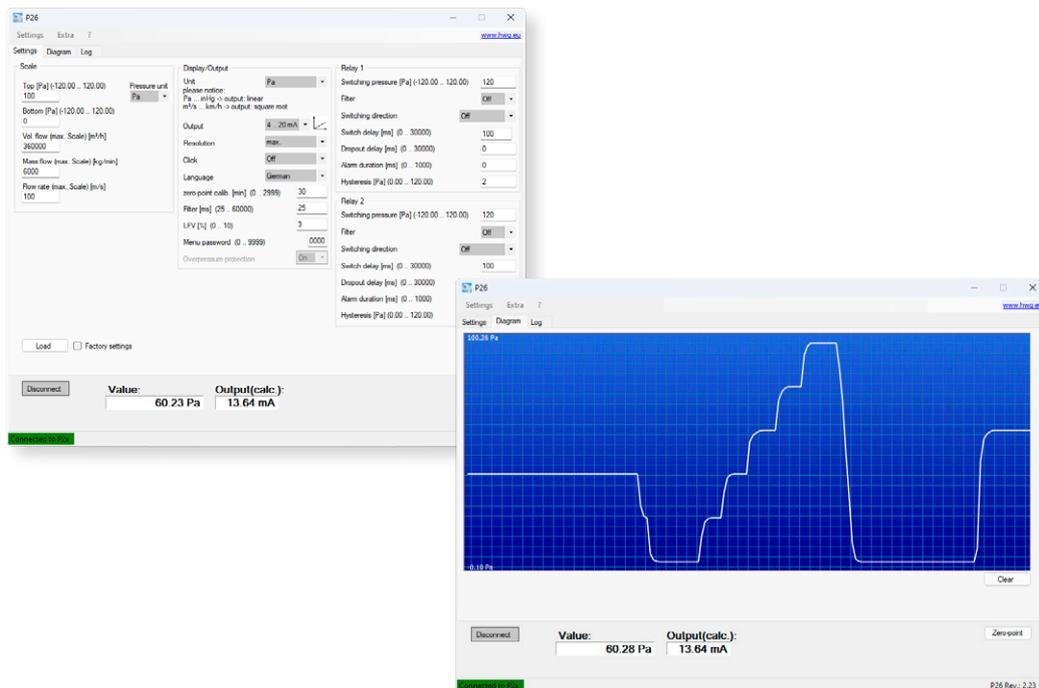
## Application software

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](http://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](http://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**