



**Simple and reliable
differential pressure
measurement.**

22PDP differential pressure sensor from Belimo for demanding HVAC water applications.

Reliable measurements of differential pressure form the basis for monitoring and energy-efficient optimisation of HVAC systems. In this context, the workload for installing and operating the corresponding sensors plays a key role.

Thanks to the remote pressure transmitters, the new 22PDP differential pressure sensor does not require impulse tubes for the system connection.

Due to various configuration options in the field – such as output signal type, measuring range, scaling and zero-point calibration – the sensor can be used in many ways. The 3-meter long pressure transmitter cables provide solutions for standard and difficult installation situations.



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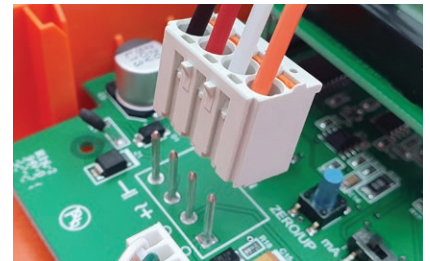
Differential pressure sensor, easy and versatile.

Differential pressure sensors for water with pressure ranges of 0...5, 0...10 and 0...35 bar, further adaptable within the respective pressure range.

→ Swift installation and commissioning

The sensor simplifies installation, commissioning and operation by / due to:

- Belimo sensor housing with separate mounting plate for straight forward wall mounting
- No impulse tubes required thanks to remote pressure transmitters
- Easy wiring with removable pluggable terminal block
- Output signals, pressure ranges and other configurable options can be selected directly at the device
- Settings and measurement data are shown on the sensor display
- Easy zero-point calibration



→ Versatile application

- Flexible installation options with remote pressure transmitters, each with 3-m connecting cables
- Various on-site configuration options
- Integrated LCD display for parametrisation and pressure indication
- Four selectable pressure ranges within the maximum pressure range
- Available output signals 4...20 mA, 0...5/10 V
- UL Certification



22PDP differential pressure sensor

Type	Pressure measuring range [bar]	Output signal active pressure	Overpressure range [bar]
22PDP-185	0...5	4...20 mA	10
22PDP-186	0...10	0...5 V, 0...10 V	20
22PDP-189	0...35		70

