

**Technical characteristics**

- Relative and differential pressure measurements
- Pressure range: 0 - 3 ... 100 mbar  
-1.5 ... 1.5 mbar
- Accuracy <1 % fs
- Print mounting
- Temperature compensated (-10°C up to + 80°C)
- Output signals: Digital: I2C and ZACWire  
Analogue: 0.5 ... 4.5 V and ratiom. 10 ... 90%
- Dimensions: 23.2 mm x 24.5 mm x 17.8 mm

**Why should type 450 be chosen ?**

Measurement applications	Cantilevered technology	Silicon technology
Neutral air	✓	✓
Polluted air	✓	X
High humidity air	✓	X
Air containing small dust particles	✓	X
No filters needed	✓	X

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**Huba Control**



Differential pressure transmitter



**Type 450**

Relative and differential pressure transmitter in a compact housing with digital output signal.

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## Relative and differential pressure transmitter type 450

Huba Control has developed the new relative and differential pressure transmitter type 450 for low pressure measurements, based on the cantilevered beam technology and built in a compact housing.

The type 450 is especially suitable for polluted environments containing small dust particles. The type 450 is also available with different signal output configurations and is therefore very adaptable to the requirements of pressure measurements.

### Product benefits

- ✓ Excellent accuracy (<1% fs) and long term stability
- ✓ Temperature compensated from -10°C up to +80°C
- ✓ Suitable for print mounting, compact housing
- ✓ Less influence on temperature changes
- ✓ Free of maintenance

### Area of application and properties

- For low pressure measurements 0 ... 3 - 100 mbar and -1.5 ... 1.5 mbar
- Suitable for polluted air containing small dust particles
- Standard HVAC systems with air and neutral gases
- Digital output (I<sup>2</sup>C) and analogue output (ratiom. and regulated)
- Reliable and robust

#### Suitable for the following environments:

