



Pressure/temperature CAPBs® sens FP 10



Benefits

- High accuracy
- Fast, convenient measurement with stable zero
- Measurement of extremely small differential pressures
- Universal use for various pressure measurements and simultaneous temperature measurements
- Wireless, immediate transmission of the measurement data to your AFRISO measuring instrument, smartphone or tablet with Bluetooth® technology
- Position-independent, temperature-compensated sensor technology for maximum precision in all measuring scenarios
- Free app for EuroSoft live for operation of all CAPBs® via smartphone and tablet. With pre-installed measurement menus for special applications and graphical representation of the measurement results



Application

Flow rate measurement (Pitot tube)

With base handle BG 10:

- Surface loss
- Ventilation loss (Pitot tube)
- 4 Pa measurement (hose kit)
- Heating system check 2.0 (Pitot tube)

Versions

Part no.

Pressure/temperature CAPBs® sens FP 10

M090053210

Blue part no. = in-stock items

Description

Sensor module for simultaneous, continuous measurement of temperature and pressure. The CAPBs® allows for convenient flow rate measurement with a stable zero point.



Technical specifications

Dimensions

W x H x D: 42 x 74 x 35 mm

Weight

33 g

Measuring range

Pressure: -20/+20 mbar

Temperature: -50/+600 °C

Pitot: 0.2/20 m/s

Accuracy

Pressure: ± 0.003 mbar (< 0.6 bar)

Pressure: ± 0.5 % v. Mw. ± 1 Digit (> 0.6 mbar)

Temperature: ± 1.5 K

Pitot: ± 0.1 m/s (< 2 m/s)

Pitot: ± 5 % v. Mw. (> 2 m/s)

Resolution

Pressure: 0.001 mbar

Temperature: 0.1 °C

Pitot: 0.1 m/s