



pressure/temperature CAPBs[®] sens FP 10

Part no. M090053210

pressure/temperature CAPBs[®] sens

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)

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: (> 0.6 mbar) ± 0.5 % v. Mw. ± 1 Digit
 temperature: ± 1.5 K
 Pitot: ± 0.1 m/s (< 2 m/s)
 Pitot: (> 2 m/s) ± 5 % v. Mw.

Resolution

pressure: 0.001 mbar
 temperature: 0.1 °C
 Pitot: 0.1 m/s

Versions

Part no.

pressure/temperature CAPBs®
 sens
 FP 10



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- in-stock items
- Non-stock items