

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 mbar)
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	●	M090053210

● in-stock items

○ Non-stock items