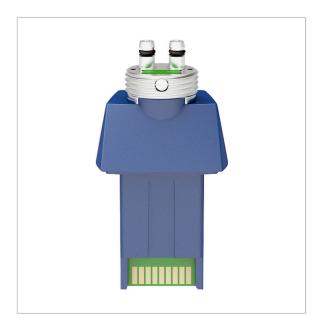


Pressure/temperature CAPBs® sens FP 10



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: $\pm 0.5 \% \text{ v. Mw.} \pm 1 \text{ Digit (> 0.6 mbar)}$

Temperature: ± 1.5 K

Pitot: $\pm 0.1 \text{ m/s} (< 2 \text{ m/s})$ Pitot: $\pm 5 \% \text{ v. Mw.} (> 2 \text{ m/s})$ Resolution

Pressure: 0.001 mbar
Temperature: 0.1 °C
Pitot: 0.1 m/s

