



pressure measuring instrument S4680 ST

Part no. P00089
pressure measuring instrument

benefits

- for measuring pressure, vacuum and differential pressure
- six (differential) pressure measuring ranges from measuring instrument for ultra-low pressure (20 mbar) to version for very high pressure (18 bar)
- barometric pressure sensor and temperature compensation for highly accurate measured value
- large TFT colour display (W x H: 45 x 60 mm) for simultaneous display of 4 measured values
- measured values displayed in 9 units: mbar, Pa, hPa, kPa, mmWC, mmHg, inWC, psi, bar
- fully automatic device check, manual and automatic zero calibration during program start
- microSD card for system-independent storage of measurement logs (HTML format) and fast software updates
- optional data logger function for long-term measurement or diagnostics (data in XML format)
- Pitot measurement (air velocity) for measuring range up to 20 mbar or 150 mbar



Application

For measuring pressure, vacuum and differential pressure. For non-corrosive gaseous, dry media. Ideal for industrial, medical and air conditioning technology applications. Other typical application areas: Measurement of chimney draft, measurement of inlet pressure, flow pressure and nozzle pressure, pressure loss in flowing gases, filter inspection, ventilation systems or ducts, production and extraction facilities, vacuum measurement (laboratory), check of the connection pressure (natural gas supply pipes), burner pressure check, inspection of tanks for liquids (inlet and outlet pressure). Minimum and maximum values can be set before the measurement; if these values are reached, visual or audible alarms are triggered. The free Android app EuroSoft connect allows for transfer of measurement results to smartphones and tablets via QR code and for the visualisation of such results. Measurement records can also be sent via e-mail.

Technical Specifications

Operating temperature range

Ambient: 0/40 °C

Storage: -20/+50 °C

Hours of operation (eco mode)
max. 38 hours

Weight
ca. 220 g**Dimensions**
W x H x D: 66 x 143 x 37 mm**Degree of protection**
IP 40 (EN 60529)**Display**
TFT colour display 2.8 "
W x H: 45 x 60 mm**Supply voltage**
lithium-ion battery (3.6 V/1800 mAh)
power supply unit (mini USB)
Battery or mains**Data memory**
microSD card, max. 16 GB**Interfaces**Infrared,
Bluetooth®,
QR code generator,
microSD card slot**Approvals**
EN 50379-2**Scope of delivery**

- Measuring instrument
- Calibration report
- power supply unit
- Charging cable USB-A - mini USB
- microSD card
- protective sleeve with magnet for device

Versions

| | Measuring range | | Part no. |
|---|-----------------|------------------|--|
| pressure measuring instrument S4680 ST | 8,000 mbar | -1000/+8000 mbar |  P00089 |

 in-stock items Non-stock items