



Pressure measuring instrument S4600 ST



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 mobile" allows for transfer of measurement results to smartphones and tablets via QR code and for the visualisation of such results. Measurement logs can also be sent via e-mail.

Versions

	Measuring range	DG	PG	Part no.	Price (€)*
Pressure measuring instrument S4601 ST 150 mbar	-150/+150 mbar	H	4	571301	
Pressure measuring instrument S4602 ST 20 mbar	-20/+20 mbar	H	4	571300	
Pressure measuring instrument S4610 ST 1,000 mbar	-1,000/+1,000 mbar	H	4	571302	
Pressure measuring instrument S4650 ST 5,000 mbar	-1,000/+5,000 mbar	H	4	571303	
Pressure measuring instrument S4650 ST-F	-1,000/+5,000 mbar	H	4	571304	
Pressure measuring instrument S4680 ST 8,000 mbar	-1,000/+8,000 mbar	H	4	571305	
Pressure measuring instrument S4680 ST-F	-1,000/+8,000 mbar	H	4	571306	
Pressure measuring instrument S4699 ST-F	-1,000/+18,000 mbar	H	4	571307	

* prices plus applicable VAT [Blue part no.](#) = in-stock items



Technical specifications

Operating temperature range

Ambient: 0/40 °C

Storage: -20/+50 °C

Hours of operation

Max. 38 Stunden

Weight

Approx. 250 g

Dimensions

W x H x D: 66 x 143 x 37 mm

Degree of protection

IP40 (EN 60529)

Display

TFT colour display

2.8 "

W x H: 45 x 60 mm

Supply voltage

Lithium-ion battery (3.6 V/1,800 mAh)

Power supply unit (mini USB)

Battery or mains

Data memory

MicroSD card, max. 16 GB

Data logger

1-999 seconds, interval freely selectable

Interfaces

Infrared,

Bluetooth® Smart,

QR code generator,

MicroSD card slot

Approvals

1. BlmSchV, EN 50379-2

Scope of delivery

- Measuring instrument
- Power supply unit
- Charging cable
- Calibration report
- MicroSD card
- Protective sleeve with magnet for device

Detail views

