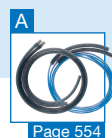


Handheld pressure measuring instruments Series S4600

NEW



- Four (differential) pressure measuring ranges
- High measuring accuracy
- Measured values displayed in mbar, Pa, hPa, kPa, mmWC, mmHg, inWC, psi, bar
- Large TFT display
- ECO mode for energy-saving operation



Connection kit for pressure measuring instruments

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 drop 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).

Description Series S4600 pressure meters are ergonomically shaped, light-weight handheld instruments. A large TFT display allows for convenient visualisation of the measurement results. Up to four measured values can be displayed simultaneously. All measured values can be displayed in nine different units (mbar, Pa, kPa, hPa, mmWC, mmHg, inWC, psi, bar). Minimum and maximum values can be set before the measurement; if these values are reached, visual or audible alarms are triggered. Magnets at the back of the instrument allow for hands-free operation. The series S4600 instruments feature manual and automatic zero correction as well as automatic instrument checks. The ECO mode allows for energy-saving operation – the instrument automatically switches off if no key is pressed for a period of 30 minutes. Wireless printer connection via infrared.

Technical specifications

Model	Measuring range (mbar)	Max. over-pressure (bar)	Resolution (mbar)	Accuracy (% of measured value)
S4601	± 150	1.35	0.01 (< 99.99) or 0.1 (> 100)	0.5 ± 1 digit (< 130.0 mbar) 1.0 ± 1 digit (> 130.0 mbar)
S4610	-1,000/+1,000	3	0.1 (< 999.9) or 1.0 (> 1,000)	0.5 ± 1 digit (< 1,000 mbar) 1.0 ± 1 digit (> 1,000 mbar)
S4650	-1,000/+5,000	10	0.1 (< 999.9) or 1.0 (> 1,000)	0.7 ± 1 digit (< 5,000 mbar) 1.0 ± 1 digit (> 5,000 mbar)
S4680	-1,000/+8,000	10.5	0.1 (< 999.9) or 1.0 (> 1,000)	1.0 ± 1 digit (< 8,000 mbar) 1.5 ± 1 digit (> 8,000 mbar)

Operating temperature range

Ambient: 0/+40 °C

Storage: -20/+50 °C

Hours of operation

Max. 55 hours

Weight (housing)

Approx. 250 g

Dimensions

W x H x D 66 x 143 x 37 mm

Display

Colour TFT display, W x H: 45 x 60 mm

Hose connection

S4601, S4610: Ø 8 mm

S4650, S4680: Ø 3 mm (Festo)

Supply voltage

Lithium-ion battery (3.6 V/1.8 Ah)

or USB power supply unit

Approvals

BlmSchV, EN 50379-2

Scope of delivery

Measuring instrument with power supply unit, in protective sleeve, with magnet

DG: H	Part no.	Price €
S4601 (± 150 mbar)	69685	
S4610 (± 1,000 mbar)	69686	
S4650 (± 5,000 mbar)	69687	
S4650 (± 5,000 mbar)*	69688	
S4680 (± 8,000 mbar)*	69689	
Accessories		
Power supply unit	68903	
Connection kit for pressure measuring instruments	69691	

* With Festo connection