

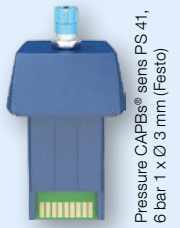


Base handle BG 10



CAPBs®

Pressure PS

Pressure CAPBs® sens PS 10,
20 mbar 2 x Ø 8 mmPressure CAPBs® sens PS 20,
180 mbar 2 x Ø 8 mmPressure CAPBs® sens PS 33,
2 bar 1 x Ø 8 mmPressure CAPBs® sens PS 40,
6 bar 1 x Ø 8 mmPressure CAPBs® sens PS 41,
6 bar 1 x Ø 3 mm (Festo)Pressure CAPBs® sens PS 60,
20 bar 1 x Ø 8 mmPressure CAPBs® sens PS 61,
20 bar 1 x Ø 3 mm (Festo)

- + Measurement of ultra-fine pressure (PS 10)
- + Check of connection and flow pressure in gas-fired heating systems (PS 20)
- + Evaluation of serviceability/determination of amount of gas leakage at gas lines as per TRGI. The sensor module features barometric pressure determination and is DVGW-certified (PS 33)
- + Tightness and load test of gas lines (PS 40/41)
- + Stress pressure test at pipe systems (PS 60/61)

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Description Sensor module for measurement of pressure, vacuum and differential pressure of non-corrosive, gaseous, dry media. The pressure sensors are available with various connections in the five measuring ranges 20 mbar, 180 mbar, 2 bar, 6 bar and 20 bar. Manual shifting of the zero point allows you to double the measuring range. The high-quality sensors are extremely accurate, orientation-independent and temperature-compensated.



PS 10
(20 mbar)PS 20
(180 mbar)PS 33
(2 bar)PS 40 / PS 41
(6 bar)PS 60 / PS 61
(20 bar)

Anwendung

Differential pressure	•	•			
Pressure loss	•	•	•	•	•
Connection pressure/flow pressure		•		•	
Flow rate	•	•			
Stress pressure test					•
Test of gas pipes as per TRGI					
Tightness test		•	•	•	
Load test				•	•
Combined tightness and load test				•	•
Determination of amount of gas leakage			•		
Test of drinking water systems as per ZVSHK					
Tightness test		•	•	•	
Strength test				•	•
Test of heating systems					
Tightness test				•	•
Test of solar systems					
Pressure test		•	•	•	•
Strength test				•	•
Test of oil pipes					
Tightness test		•	•	•	
Pressure test				•	•

Technical specifications

Dimensions (H x W x D):	74 x 42 x 35 mm	74 x 42 x 35 mm	74 x 42 x 35 mm	74 x 42 x 35 mm	74 x 42 x 35 mm
Weight:	34 g	34 g	34 g	30 g	26 g
Interface:	Bluetooth® Smart	Bluetooth® Smart	Bluetooth® Smart	Bluetooth® Smart	Bluetooth® Smart
Measuring range:	-20 / +20 mbar 0.5 / 50 m/s	-180 / +180 mbar 0.5 / 50 m/s	-1 / +2 bar	-1 / +6 bar	-1 / +20 bar
Accuracy:	±0.003 mbar 0.5 % displayed value ±1 digit	±0.03 mbar 0.5 % displayed value ±1 digit	±0,3 mbar 0,5 % displayed value ±1 digit	±0.3 mbar 0.5 % displayed value ±1 digit	±1 mbar 0.5 % displayed value ±1 digit
Resolution:	0.001 mbar 0.1 m/s	0.01 mbar (< 99.99) 0.1 mbar (> 100.0) 0.1 m/s	0,1 mbar (< 999,99) 1 mbar (> 1.000)	0.1 mbar (< 999.99) 1 mbar (> 1,000)	0.1 mbar (< 999.99) 1 mbar (> 1,000)
Hose connection:	Ø 8 mm	Ø 8 mm	Ø 8 mm	Ø 8 mm or Ø 3 mm (Festo)	Ø 8 mm or Ø 3 mm (Festo)

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See chapter 7 for accessories.

DG: H, PG: 4	Part no.	Price €
CAPBs® base handle BG 10	M091000017	
Pressure CAPBs® sens PS 10 , 20 mbar 2 x Ø 8 mm	M090050110	
Pressure CAPBs® sens PS 20 , 180 mbar 2 x Ø 8 mm	M090010110	
Pressure CAPBs® sens PS 33 , 2 bar, 1 x Ø 8 mm, DVGW	M090192910	
Pressure CAPBs® sens PS 40 , 6 bar 1 x Ø 8 mm	M090082910	
Pressure CAPBs® sens PS 41 , 6 bar 1 x Ø 3 mm (Festo)	M090083010	
Pressure CAPBs® sens PS 60 , 20 bar 1 x Ø 8 mm	M090102910	
Pressure CAPBs® sens PS 61 , 20 bar 1 x Ø 3 mm (Festo)	M090103010	