Data sheet
testo 416

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Vane anemometer

testo 416

- Direct display of volume flow
- Point and timed mean value calculation
- Max./min. values
- Hold button for freezing measurement value
- Display illumination
- Auto-off function
- TopSafe, protects the instrument from dirt and impact (optional)

The testo 416 is a compact anemometer with a fixed vane probe. The measuring instrument is particularly suitable for flow velocity measurements in ducts thanks to the extendable telescope (max. length 890 mm, diameter 16 mm). The volume flow is directly shown in the display. For volume flow calculation purposes, the duct cross-section area can be conveniently entered into the testo 416. The timed and point mean value calculations provide information on the average volume flow.

The Hold function allows the current measurement value to be fixed in the display. Min./max. values are also displayed at the press of a button. The optional TopSafe reliably protects the instrument from dirt and impact, ensuring a particularly long working life.

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Technical data / Accessories

testo 416

testo 416 vane anemometer with telescope (max. 890 mm) incl. battery and calibration protocol

Part no. 0560 4160

Sensor type	Vane
Measuring range	0.6 to 40 m/s
Accuracy ±1 digit	±(0.2 m/s +1.5% of m.v.)
Resolution	0.1 m/s

General technical data

Operating temperature	-20 to +50 °C
Storage temperature	-40 to +70 °C
Battery type	9V block battery, 6F22
Battery life	80 h
Dimensions	182 x 64 x 40 mm
Weight	325 g
Housing material	ABS

Accessories	Part no.	
Accessories for measuring instrument		
Case for measuring instrument and probes	0516 0191	
TopSafe, protects from impact and dirt	0516 0221	
Service case for measuring instrument and probe, dimensions 454 x 316 x 111 mm	0516 1201	
9V rech. battery for instrument, instead of battery	0515 0025	
ISO calibration certificate velocity hot wire, vane anemometer, Pitot tube; calibration points 1; 2; 5; 10 m/s	0520 0004	
ISO calibration certificate velocity hot wire, vane anemometer, Pitot tube; calibration points 5; 10; 15; 20 m/s	0520 0034	

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