



Sensor tester ST 04



- Two LEDs (NPN/PNP) for displaying the switching state
- Test areas on the device: magnet, reflection, induction
- Suitable for ultrasonic sensors
- Usable for 2-, 3- and 4-wire sensors in NPN- and PNP-technique as well as with push-pull outputs
- Easy connection due to quick-action clamp terminals
- Optical and acoustical indication
- Impact protection by means of removeable silicone sleeve

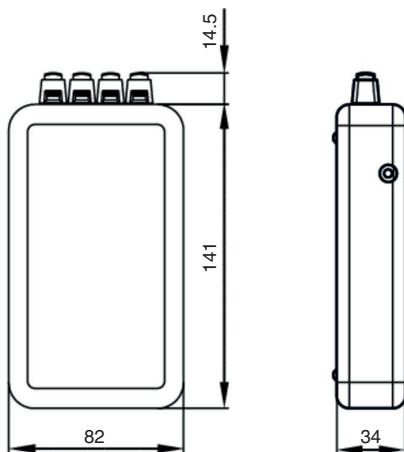
Sensor tester



Function

The sensor tester is suitable for function testing of all 2-, 3- and 4-wire PNP and NPN DC sensors as well as with push-pull outputs. Power is supplied to the sensor via quick-action clamp terminals. Sensors with two switch outputs are tested by connecting the signal lines successively to terminal [IN]. When the sensor output switches, this is displayed by a LED and indicated as well by a buzzing tone. By means of the TEACH pushbutton sensors with a remote teach function can be tested. As long as TEACH is pushed terminal [T] supplies a voltage of 18 V. Due to the high output load capacity ultrasonic sensors or similar devices can also be connected. The automatic On/Off function prevents unnecessary use of energy and makes operation simple.

Dimensions



Technical Data

Indicators/operating means

Control elements	membrane keys :
	ON / OFF
	TEACH
LED green	operating
LED yellow	switching state

Electrical specifications

Operating voltage	U_B	input voltage 4.5 V DC input voltage 12 V DC with Power supply output voltage 18 V DC
No-load supply current	I_0	40 mA
Current loading capacity		max. 60 mA battery operated , 240 mA with Power supply

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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 **PEPPERL+FUCHS**

Technical Data

Conformity		
Degree of protection		EN 60529
Ambient conditions		
Ambient temperature		-20 ... 40 °C (-4 ... 104 °F)
Mechanical specifications		
Degree of protection		IP21
Connection		4x quick-action clamp terminal brown L+ black IN white TEACH blue L-
Material		
Housing		black ABS
Protective sleeve		silicone
Mass		394 g
Dimensions		
Height		141 mm
Width		82 mm
Depth		34 mm
General information		
Note		suitable for PNP , NPN and sensors with Push-pull (4 in 1) output
Scope of delivery		1x Sensor tester , 1x silicone protective sleeve
Accessories		
Optional accessories		Sensor connecting cables CBL-SET-ST 04 Power supply 12 V DC, barrel connector outer Ø 3.5 mm, inner Ø 1.5 mm
Necessary accessories		3x battery size AA 1.5 V (not included with delivery)

Connection Assignment

