

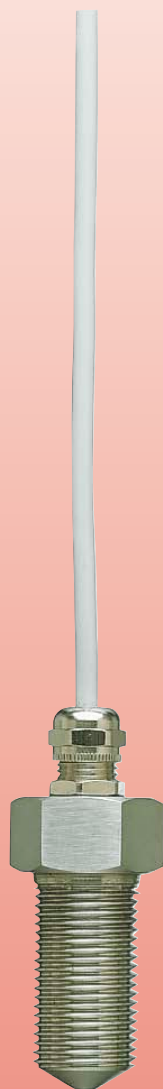


## Screw-In Resistance Thermometers

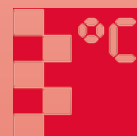


measuring  
•  
monitoring  
•  
analysing

### TWE-K



- Measuring ranges:  
-20 ... +150 °C
- Bulbs in  
stainless steel 1.4301
- Pt 100 sensor category B
- Connection: M12, G $\frac{1}{4}$  ...  $\frac{3}{4}$



T2

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**Description**

The screw-in resistance thermometers comprise a rugged sensor made of stainless steel with fixed thread. The electrical connection is made with a connecting lead.

Protective tube and process connection are made of stainless steel. Pt100 temperature sensors according to IEC 751, class B are used as standard. The screw-in resistance thermometers are available in two-wire circuitry.

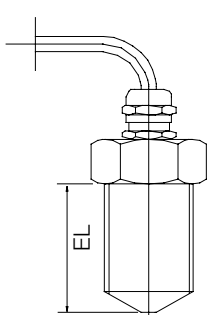
**Applications**

Screw-in resistance thermometers are particularly suited for measuring temperature in liquid and gaseous media.

Areas of application are to be found in heating installation, furnace and apparatus construction, machine construction and building installations as well as in industry in general.

**Screw-in Resistance Thermometers**

with fixed process connection M12 x 1, G ¼, G ½, G ¾ male thread

	Protective tube and process connection in stainless steel 1.4301 Connecting lead: silicone 0,56 mm <sup>2</sup> Standard cable length: 2000 mm, others on request Temperature range: -20 ... +150 °C					
	Model number	Immersion length [EL]	Connection	Sensor type/ class	Wiring	Connection cable
	TWE-K0302N..	23 mm	M12 x 1	..1.. = 1x Pt100, classe B ..2.. = 2-wire	..2.. = 2-wire	..S = silicone cable (standard 2.0 m)
	TWE-K03021..	23 mm	G ¼			
	TWE-K03042..	43 mm	G ½			
TWE-K03043..	43 mm	G ¾				

Please specify length of cable in writing!