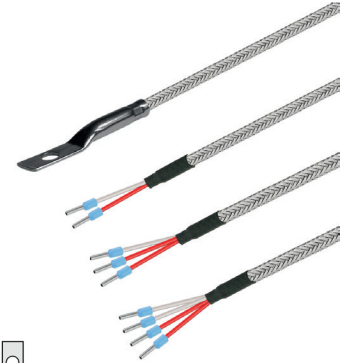


# Contact probe with cable lug and glass fibre cable

Article no.: 802082 2011

Our contact probe with cable lug and glass fibre cable is used for temperature measurements on smooth surfaces in mechanical and apparatus engineering. It is attached via the cable lug and an M4 screw connection. Glass fiber cables are crimped and have a poorer seal than other cable materials due to the insulation material used, but can be used in temperature ranges up to +400 °C. Simply select the required configuration features and send us the order code.



### Customizable options

- A - Measuring element
- B - Connection Type
- E - Material connection cable
- F - Length connection cable
- G - Connector

General Information	
Measuring range	-50 °C to +400 °C depending on sensor Type and connection cable
Perm. °C range cable	-50 °C to +400 °C
Accuracy	depending on sensor Type
Supply and output	
Max. meas. current	max. 1 mA
Supply voltage	approx. 5 V depending on measurement current
Measurement signal	passive (resistance value)
Ambient conditions	
Protection class	IP20 according DIN 60529 (depending on cable)
Humidity and moisture condensation resistance	according to application-specific qualification
Certificates and Standards	
Standards	DIN EN 61326-1:2013   DIN EN IEC 63000:2019-05
Directive	RoHS 2011/65/EU   2014/30/EU

A - Measuring element				
Code	Sensor	Accuracy / Tolerance resistance	From (°C) <sup>1)</sup>	To (°C) <sup>1)</sup>
A012	Pt100	Cl. B dT = ±(0,30 °C + 0,005 t ) <sup>1)</sup>	-50 °C	+400 °C
A011	Pt100	Cl. A dT = ±(0,15 °C + 0,002 t ) <sup>1)</sup>	-50 °C	+300 °C
A022	Pt500	Cl. B dT = ±(0,30 °C + 0,005 t ) <sup>1)</sup>	-70 °C	+500 °C
A032	Pt1000	Cl. B dT = ±(0,30 °C + 0,005 t ) <sup>1)</sup>	-50 °C	+400 °C
A031	Pt1000	Cl. A dT = ±(0,15 °C + 0,002 t ) <sup>1)</sup>	-50 °C	+300 °C

<sup>1)</sup>according to IEC 751 / EN 60751 | <sup>2)</sup> Perm. range °C | Please note that the measuring range depends on the measuring element and the connecting cable. | Detailed information and the characteristics can be found in our download area.

B - Connection Type	
Code	Conn. Type
B2	2-Wire (2W)
B3	3-Wire (3W)
B4	4-Wire (4W)

Possible connections			
Sensor	2W	3W	4W
Pt	✓	✓	✓

KC / MWA / 14.03.2024

## Testo Sensor GmbH

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 D-79853 Lenzkirch      Unser gesamtes Temperaturfühler- und Transmitter- Portfolio finden Sie in unserem Webshop unter: www.testo-sensor.shop



**Technical drawing**

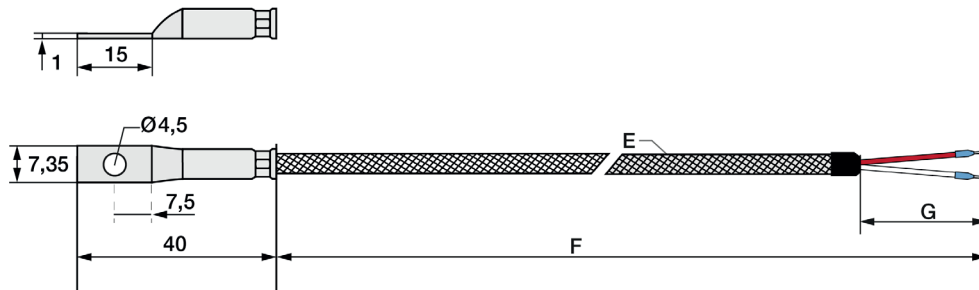
**Customizable options**

A-Measuring element  
 B-Connection Type  
 -

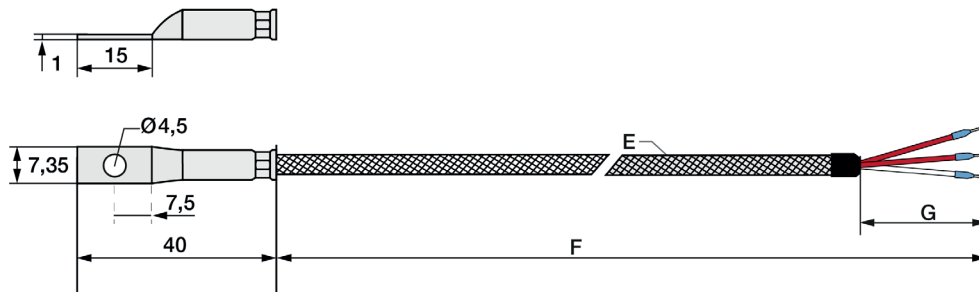
E-Material connection cable  
 F-Length connection cable  
 G-Connector

All dimensions in mm

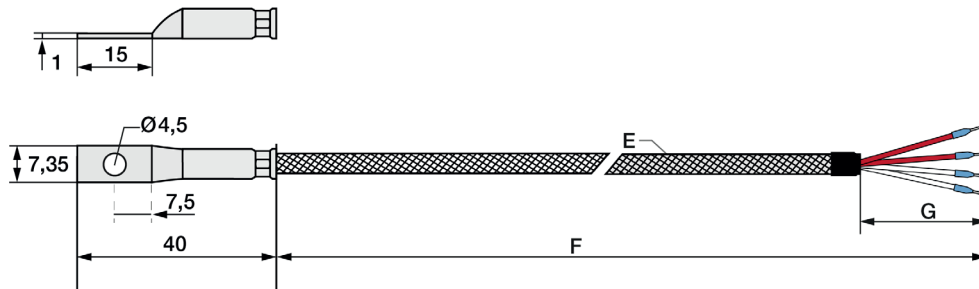
**2-Wire version**



**3-Wire version**



**4-Wire version**



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# Matching accessories: Heat-conducting paste

Heat-conducting paste		
	<b>Article no.</b>	<b>809540 1000</b>
	Content	10 ml
	Thermal conductivity	>2.5 W/mK
	Min / Max °C	-30 °C to +280 °C
	Thermal resistance	< 0.126

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