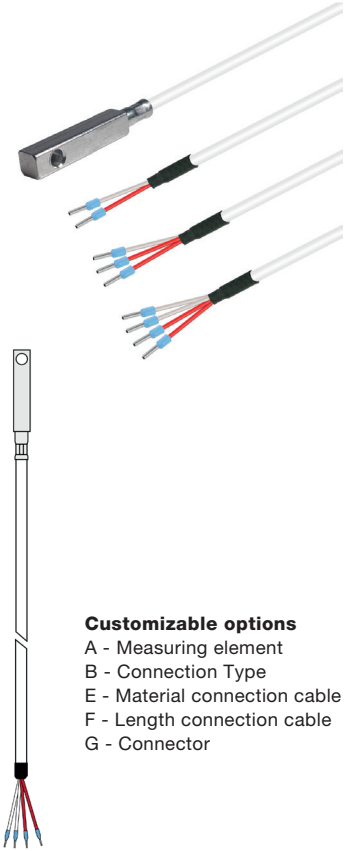


# Contact probe with block and PFA cable

Article no.: 802073 2011

Our surface probes are used in mechanical and apparatus engineering for temperature measurement on smooth surfaces and are attached using screw connections. PFA is characterized by its high resistance to chemicals and is flexible enough to be used at high temperatures up to +260 °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 +260 °C depending on sensor Type and connection cable
Perm. °C range cable	-50 °C to +260 °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	IP54 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**



**Technical drawing**

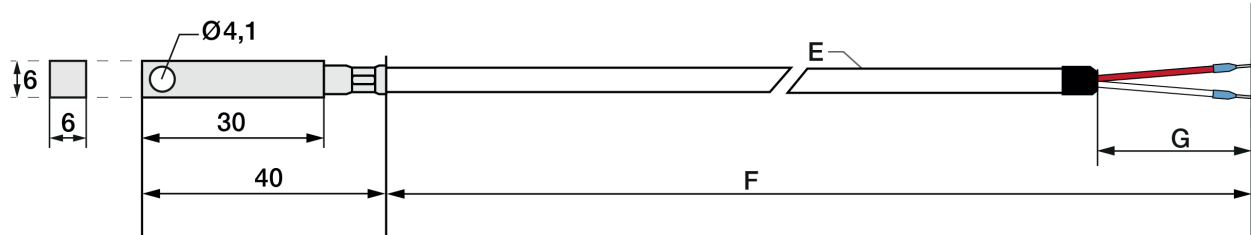
**Customizable options**

A-Measuring element  
 B-Connection Type  
 -

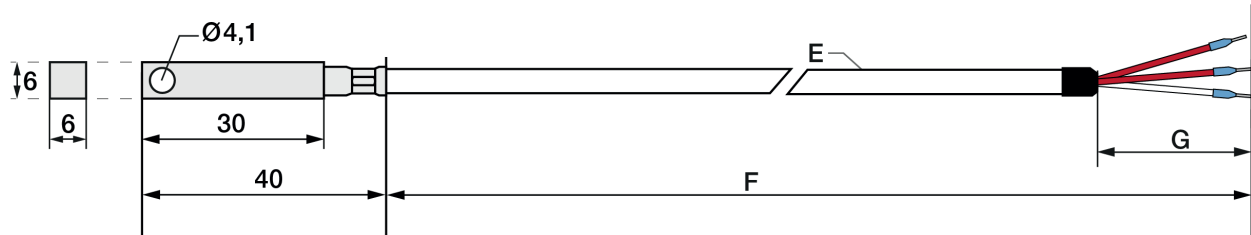
E-Material connection cable  
 F-Length connection cable  
 G-Connector

All dimensions in mm

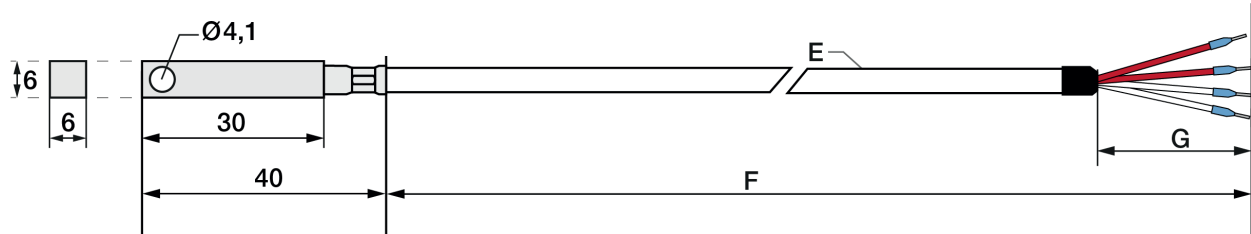
**2-Wire version**



**3-Wire version**



**4-Wire version**



KC / MWA / 14.03.2024


**Testo Sensor GmbH**

Testo-Straße 1  
 D-79853 Lenzkirch

+49 7653 96597-71  
 webshop@testo-sensor.de  
 Unser gesamtes Temperaturfühler- und Transmitter- Portfolio finden Sie in unserem Webshop unter: [www.testo-sensor.shop](http://www.testo-sensor.shop)

Geschäftsführer: Prof. Burkart Knospe, Martin Arndt, Timo Löffler  
 Amtsgericht Freiburg HRB 706025 | Umsatzsteuer-ID.: DE274417683

# 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

KC / MWA / 14.03.2024

## Testo Sensor GmbH

Testo-Straße 1  
D-79853 Lenzkirch

+49 7653 96597-71  
webshop@testo-sensor.de

Geschäftsführer: Prof. Burkart Knospe, Martin Arndt, Timo Löffler  
Amtsgericht Freiburg HRB 706025 | Umsatzsteuer-ID.: DE274417683

Unser gesamtes Temperaturfühler- und Transmitter- Portfolio finden Sie in unserem Webshop unter: [www.testo-sensor.shop](http://www.testo-sensor.shop)