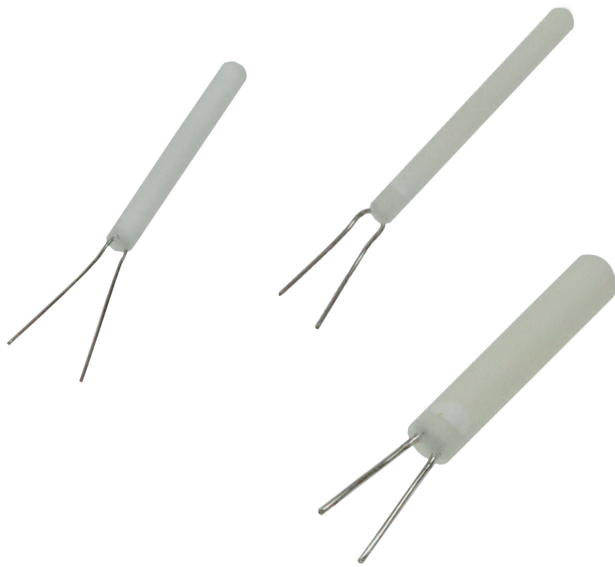


Ceramic wire-wound temperature sensor

Description



Performance characteristics

- Wide temperature measuring range
- Excellent temperature stability
- Shock resistance

Applications

- Industries with high accuracy requirements
- Analytical technology
- Laboratory technology

Technical data

Ceramic wire-wound temperature sensor	
Sensor	Pt100
Measuring range	see table
Accuracy	see table
Self-heating	110 mK / Mw
Connection wire	Ø 0,24 mm, Ø 0,15 mm (0364 0007-20)
Connection length	Wire length 7 mm ± 1 mm
Response time temperature	Moving water (v = 1 m/s) : T _{0,5} = 0,5 s; airflow (v = 1 m/s) : T _{0,5} = 15 s
Dimensions	see table
Environmental data	RoHS- and REACH conform
We reserve the right to make changes to the technical data in the interest of technological progress!	

Article	Accuracy	Measuring range	Article number
Ceramic wire-wound temperature sensor Pt100, 15 x Ø 2,8 mm	F 0,15 (Cl. A) DIN EN 60751	-100...+450 °C	0364 0004-10
Ceramic wire-wound temperature sensor Pt100, 15 x Ø 1,6 mm	F 0,15 (Cl. A) DIN EN 60751	-200...+650 °C	0364 0005-20
Ceramic wire-wound temperature sensor Pt100, 15 x Ø 1,2 mm	F 0,3 (Cl. B) DIN EN 60751	-196...+660 °C	0364 0006
Ceramic wire-wound temperature sensor Pt100, 15 x Ø 0,95 mm	F 0,15 (Cl. A) DIN EN 60751	-200...+650 °C	0364 0007-20