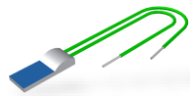
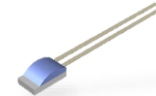
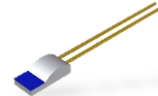
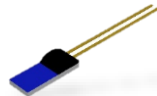


## Platinum-Chip Temperature Sensors with connection wires according to DIN EN 60751

\*\*\* NEW \*\*\*



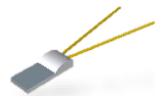
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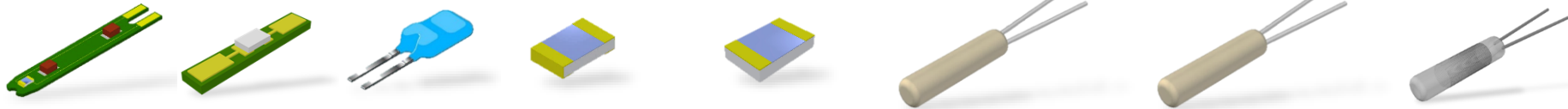
Description	Customized	CRS	CRZE	CRZ	CRE	CRER / CREBR	CREG	CRM	CRAG
<b>Features</b>	Customized	Pretty tough High strength of the connecting wires	Cost-optimized Universally applicable	Cost-optimized Universally applicable	Cost-optimized	Reversed wires Metallized back (CREBR)	Cost-optimized Universally applicable	Pretty tough Universal & usable without protection	Cost-optimized Universally and high temperature applications
<b>Material of wires</b>	Customized	Platinum-plated nickel	Gold-plated nickel	Gold-plated nickel	Nickel	Gold-plated nickel	Gold-plated nickel	Platinum-plated nickel	Gold-plated nickel
<b>Wires</b>	Customized e.g. 3-wire, isolated wire	∅ 0.2 x 10mm ∅ 0.2 x 20mm	∅ 0.2 x 11mm	∅ 0.2 x 11mm	∅ 0.2 x 10mm ∅ 0.25 x 55mm ∅ 0.2 x 75mm	∅ 0.15 x 10 mm	∅ 0.2 x 10mm	∅ 0.2 x 10mm ∅ 0.2 x 13mm ∅ 0.2 x 15mm	∅ 0.2 x 10mm ∅ 0.25 x 10mm
<b>Temperature range</b>	(-200...+1000°C)	-70...+400°C	-70...+400°C	-70...+500°C	-70...+500°C (550°C)	-70...+500°C (550°C)	-70...+500°C (550°C)	-70...+550°C	-50...+600°C
<b>Processing</b>	Dependent on specification	Crimping Welding Brazing	Soft soldering Crimping Welding Brazing	Soft soldering Crimping Welding Brazing	Crimping Welding Brazing	Soft soldering Crimping Welding Brazing	Soft soldering Crimping Welding Brazing	Crimping Welding Brazing	Soft soldering Crimping Welding Brazing
<b>Dimensions (W x L x H)</b>	Customized e.g. radial, axial or round (potted)	2.0 x 2.5 x 1.3mm 2.0 x 5.0 x 1.3mm 2.0 x 10.0 x 1.3mm	1.6 x 3.2 x 1.2mm 1.6 x 3.6 x 1.2mm 2.0 x 5.0 x 1.2mm	1.6 x 3.2 x 1.1mm 2.0 x 5.0 x 1.1mm	1.5 x 5.0 x 1.0mm 2.0 x 2.5 x 1.3mm 2.0 x 5.0 x 1.3mm	1.7 x 2.2 x 1.0mm	1.5 x 5.0 x 1.0mm 2.0 x 2.5 x 1.3mm 2.0 x 5.0 x 1.3mm	1.5 x 5.0 x 1.0mm 2.0 x 2.5 x 1.3mm 2.0 x 10.0 x 1.3mm	1.2 x 1.6 x 1.1mm 1.2 x 4.0 x 1.1mm 1.6 x 5.0 x 1.1mm 2.0 x 2.3 x 1.1mm 2.0 x 4.0 x 1.1mm 2.0 x 5.0 x 1.1mm 2.0 x 10.0 x 1.1mm
<b>Nominal resistance (R<sub>0</sub> / Ω)</b>	Customized Pt100 ... Pt10.000 And two resistors at one chip	Pt100 Pt500 Pt1000 Pt2000	Pt100 Pt1000	Pt100 Pt500 Pt1000	Pt100 Pt500 Pt1000	Pt100 Pt1000	Pt100 Pt1000	Pt100 Pt1000	Pt100 Pt500 Pt1000
<b>Tolerance classes DIN EN 60751</b>	F0.6 ... F0.03 (2B ... 1/10B)	F 0.1 F 0.15 F 0.3	F 0.1 F 0.15 F 0.3 F 0.6	F 0.1 F 0.15 F 0.3 F 0.6	F 0.1 F 0.15 F 0.3 F 0.6	F 0.3 others on request	F 0.1 F 0.15 F 0.3 F 0.6	F 0.1 F 0.15 F 0.3	F0.6 ... F0.03 (2B ... 1/10B)
<b>Data sheet</b>	Dependent on specification								









Changes and errors excepted

## Wire Wound Platinum-RTDs & special designs according to DIN EN 60751

\*\*\* NEW \*\*\*

\*\*\* NEW \*\*\*



Description	CRSE	CRSA	CRKL	CRSMD	CRFSMD	CR	CRU	CRGX
<b>Features</b>	Pre-finished measuring inserts	Pre-finished measuring inserts	Robust and protected against moisture	Taped Long-term stability Sensor side up	Flip-Chip Taped Long-term stability Sensor side down	Platinum-ceramic measuring resistors Temperature shock resistant Temperature change stable	Platinum-ceramic measuring resistors Temperature shock resistant Temperature change stable	Platinum-glass measuring resistors shock resistant Long-term stability
<b>Material of wires</b>	---	---	Tinned	---	---	Palladium-Gold-Alloy	Platinum	Platinum-plated nickel
<b>Wires</b>	---	---	0.55 x 0.25 x 7mm	---	---	∅ 0.20...0.27 x 10mm	∅ 0.15...0.40 x 7...10mm	∅ 0,2 x 10mm ∅ 0,25 x 10/12mm
<b>Contact surface</b>	Gold-plated	Gold-plated	---	Gold-plated nickel All-round contact	Gold-plated nickel One-sided contact	---	---	---
<b>Temperature range</b>	-20...+150°C (180°C)	-20...+180°C	-30...+105°C	-70...+250°C	-70...+250°C	-200...+600°C	-200...+800°C	-200...+400°C
<b>Processing</b>	Soft soldering	Soft soldering	Soft soldering Crimping	Reflow soldering	Reflow soldering	Crimping Welding Brazing	Crimping Welding Brazing	Crimping Welding Brazing
<b>Dimensions (W x L x H)</b>	2.4 x 23 x 2.2mm 4.3 x 15 x 2.2mm 4.1 x 28 x 2.2mm	1.8 x 10 x 1.1mm	3.9 x 5.0 x 1.5mm	0805 (1.3x2.0x0.5mm) 1206 (1.5x3.1x0.8mm)	0805 (1.3x2.0x0.5mm)	∅ 1.0 x 15mm ∅ 1.0 x 25mm ∅ 1.5 x 8mm ∅ 1.5 x 15mm ∅ 1.5 x 25mm ∅ 2.6 x 15mm ∅ 2.6 x 30mm ∅ 1.7 x 10mm	∅ 1.5 x 15mm ∅ 1.5 x 25mm	∅ 0.7 x 8mm ∅ 1.2 x 5mm ∅ 1.3 x 10mm ∅ 1.3 x 15mm ∅ 1.6 x 10mm ∅ 1.8 x 10mm ∅ 1.8 x 12mm ∅ 2.8 x 15mm
<b>Nominal resistance (R<sub>0</sub>/Ω)</b>	Pt100 Pt500 Pt1000	Pt100 Pt500 Pt1000	Pt100 Pt1000	Pt100 Pt500 Pt1000	Pt100 Pt500 Pt1000	Pt100 2xPt100	Pt100 2xPt100	Pt100 2xPt100
<b>Tolerance classes DIN EN 60751</b>	F 0.3	F 0.3	F 0.1 F 0.3	F 0.1 F 0.15 F 0.3 F 0.6	F 0.3	W 0.1 W 0.15 W 0.3 W 0.6	W 0.1 W 0.15 W 0.3 W 0.6	W 0.1 W 0.15 W 0.3
<b>Data sheet</b>								

Changes and errors excepted