



Nickel Temperature Sensors

Order Information

N	D	1	K	0	5	2	0	2	W	B	0	1	0	x Example
Specials														
T Substrate thickness 0.25 mm														
W Sintered powder														
M Metallised backside														
U Inverted welding														
S Special*														
Connection Length in mm														
Tolerance classes														
A ½ DIN 43760														
B DIN 43760														
C 2 DIN 43760														
K Customer specific*														
Extension Type														
S SIL (Single in line)														
P Tin solder overall (SMD) →														
W Wire														
I Insulated contacts														
K Customer specific*														
Temperature range														
1 -60°C bis 150°C														
2 -60°C bis 200°C														
3 -60°C bis 300°C														
Dimension number (see various Dimensions) in mm														
Resistance value in Ohm at 0°C														
Characteristic curve														
D DIN 6180 ppm/K														
L 5000 ppm/K														
J 6370 ppm/K														
A 6720 ppm/K														
C 4280 ppm/K (Copper)														
S Special*														
Material Identification														
N Nickel														

1P = Contacts tin coated, LMP lead contained
 2P = Contacts tin coated, LMP lead free, RoHS conform

* Additional details, specifications required from the customer.

Order Example:

N D. 1K0. 520. 2 W. B. 010
 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

- 1: Material Identification = Nickel Temperature Sensor
- 2: Characteristic Curve = DIN 6180 ppm/K
- 3: Resistance Value in Ohm = 1'000 Ω / 0°C
- 4: Chip Dimension = 5 mm x 2 mm
- 5: Temperature Range = -60°C to +200°C
- 6: Extension = Wire Connections
- 7: Tolerance Class = DIN 43760
- 8: Connection Length = 10 mm

Specifications are subject to change without notice
 Preliminary Datasheet



INNOVATIVE SENSOR TECHNOLOGY



All mechanical dimensions are valid at 25°C ambient temperature. If not differently indicated. ■ All data except the mechanical dimensions only have information purposes and are not to be understood as assured characteristics. ■ Technical changes without previous announcement as well as mistakes reserve. ■ The information on this data sheet was examined carefully and will be accepted as correct. No liability in case of mistakes. ■ Load with extreme values during a longer period can affect the reliability. All rights reserved. The material contained herein may not be reproduced, adapted, merged, translated, stored, or used without the prior written consent of the copyright owner. Typing errors and mistakes are subject to change without notice.