



Order Information - 10K (Pt-wire, Ø 0.25 mm)

Size	Dimensions (L x W x H / H2; L _w in mm)	Product description
Nominal resistance: 200 Ω at 0 °C		
420	3.85 x 1.9 x 0.45 /0.75; 7	P0K2.420.10K.K.007.D.S
Order code		104078
<i>Former order code</i>		<i>310.00445</i>

Additional Documents

	Document name:
Application Note:	ATP_E



Order Information

Platinum Sensor

Secondary reference

Material

P = Platinum

TCR

= Pt 3770 ppm/K G = Pt 3911 ppm/K
 U = Pt 3750 ppm/K W = Pt 3850 ppm/K (extended operating temperature range in class A)

Resistance in Ω at 0 °C

Size in mm

Operating temperature range

1 = -50 °C to +150 °C 6 = -200 °C to +600 °C
 2 = -50 °C to +200 °C 7 = -200 °C to +750 °C
 3 = -200 °C to +300 °C 8 = -200 °C to +850 °C
 4 = -200 °C to +400 °C 10 = -70 °C to +1000 °C

Connection

S = SIL FK = flat wire customer-specific
 I = insulated wire SW = perpendicular wire
 K = customer-specific L = insulate stranded wire
 W = wire E = enameled Cu-wire
 FW = flat wire

Tolerance class

A = IEC 60751 F0.15 K = customer-specific
 B = IEC 60751 F0.3 P = pair
 C = IEC 60751 F0.6 G = group
 Y = IEC 60751 F0.1

Wire length in mm

Special

T = substrate thickness 0.25 mm M = metallized backside
 D = substrate thickness 0.38 mm U = inverted welding
 R = round housing S = special
 W = sintered powder

P OK2. 420. 10 K. K. 007. D