

PPL8 series Pt100 & Pt1000 temperature transmitter

The PPL8 sensor incorporates a pocket as well as a spring loaded insert which allows the sensor to be withdrawn extremely easily without breaking into the process line. We can manufacture the sensor stem in any immersion length and process connection to meet your exact requirements. A lagging extension can also be specified and with various options available for the terminal head, including IP68 stainless steel versions, we are sure to satisfy all of your requirements.



Technical Information

Sensor Type	Platinum Resistance Thermometer—Pt100 or Pt1000
Operating Range	-50 to 250°C (Unless Otherwise Requested)
Sheath Material	316 stainless steel
Tolerance Band	Class B, Class A, 1/3 DIN, 1/5 DIN or 1/10 DIN
Wiring System	2, 3 or 4 wire, Simplex or Duplex
Head Types	A - KNE Aluminium Alloy, IP68 B - KSE Aluminium Alloy, IP68 C - ABS, IP67 D - Glass Filled Nylon, IP65 E - 316 stainless steel, IP68 (Other heads available upon request)
Head Options	A - Ceramic Terminal Block B - In Head Transmitter—SEM203P (Specify Range) C - Tails for Customers Own Transmitter

Options & Ordering Information

Sensor Type Pt100 PPL8.A Pt1000 PPL8.B	Special codes Refer to sales office
Number of wires 2 wire 2 3 wire 3 4 wire 4	Head Options Block 1 Transmitter* 2 Tails 3 <small>* Not available with KSE head</small>
Number of detectors Simplex S Duplex D	Head Type KNE A KSE* B ABS C Nylon D St/Steel E
Tolerance Class A A Class B B 1/3 DIN C 1/5 DIN* D 1/10 DIN* E <small>* Not available for Pt1000</small>	Thread size T 1/4"BSP A 1/2"BSP B 3/4"BSP C 1"BSP D 1/4"BSPT E 1/2"BSPT F 3/4"BSPT G 1"BSPT H 1/2"NPT I 3/4"NPT J
Immersion Length Enter length in mm	Extension Length Enter length in mm