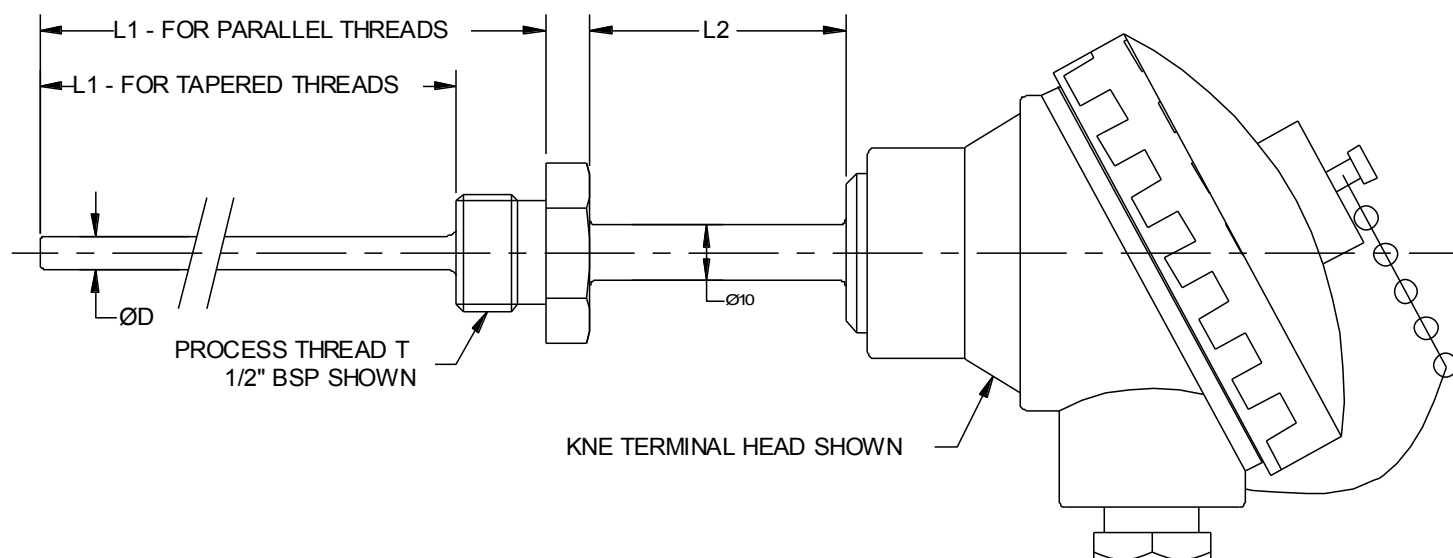


TWE5-P

Platinum Resistance Thermometer with Process Connection, Cooling Neck and Terminal Head



- Probe with Process Thread and Extension below Terminal Head
- Fixed Male Process Thread plus Lagging Extension/ Cooling Neck.
- Screw Sensor directly into a Process or Thermowell
- Terminal Head above Insulation / Electronics in Head Protected from elevated temperatures
- Choice of Head Fittings and Thread Sizes
- Manufactured to your requirements
- UKAS or Traceable Calibration Available.



Specifications

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—SEM206P (Specify Range) (Other transmitters available including ATEX) C - Tails for Customers Own Transmitter

TWE5-P

Platinum Resistance Thermometer with Process Connection, Cooling Neck and Terminal Head



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TWE5-P

Sensor Type	
Pt100	A
Pt1000	B

Number of wires	
2 wire	2
3 wire	3
4 wire	4

No. of detectors	
Simplex	S
Duplex	D

Tolerance	
Class A	A
Class B	B
1/3 DIN	C
1/5 DIN*	D
1/10 DIN*	E

* Not available for Pt1000

Sheath Dia - ØD	
3.0mm*	30
1/8"	32
4.0mm	40
4.5mm	45
3/16"	48
5.0mm	50
6.0mm	60
6.4mm	64
8.0mm	80
10.0mm	100
12.0mm	120
15.0mm	150

*Not available with Duplex detector

Specials Code	
Refer to Sales Office	

Head Options	
Block	1
Transmitter*	2
Tails	3

*Not available with KS head

Head Type	
KNE	A
KSE*	B
ABS	C
Nylon	D
St/Steel	E

Extension Length L2	
Enter length in mm	

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

Sheath Length L1	
Enter length in mm	

NOTE: Some option combinations not possible.

This data sheet gives details of the most popular options available for this type of sensor but is not intended to give an exhaustive list of possibilities. If you have a special requirement please do not hesitate to contact our sales office for assistance.

Accessories for your sensor...



Compression Fittings



Signal Conditioners



Pockets / Thermowells



Extension Cables