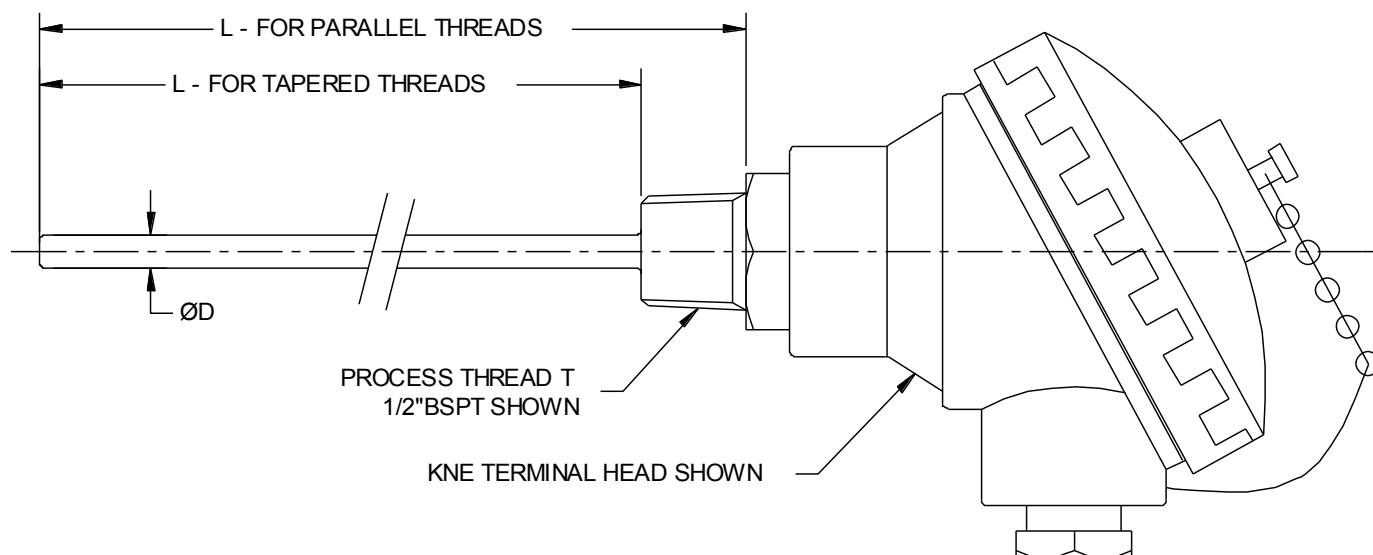


## TWE4-P

### Resistance Thermometer with Fixed Process Connection and Terminal Head



- Stem Probe with Process Connection and Terminal Head
- Welded Process Connection with Fixed Male Process Thread under Head
- Easy Installation Direct to Process
- Can also Connect to Pockets / Thermowells
- Ideal in Cramped Spaces or if Lagging Extension Impractical
- Choice of Head Fittings and Thread Sizes



#### Specifications

Sensor Type	Platinum Resistance Thermometer—Pt100 or Pt1000. Other types available—please enquire.
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—various types C - Tails for Customers Own Transmitter

# TWE4-P

## Resistance Thermometer with Fixed Process Connection and Terminal Head



TWE4-P

- - - - - - - - - - Y

| 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 KSE head

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

| 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 - L  |  |
|--------------------|--|
| Enter length in mm |  |

NOTE: Some sheath diameter / lead type combinations require a pot seal. 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...



Signal Conditioners



Pockets / Thermowells



Extension Cables