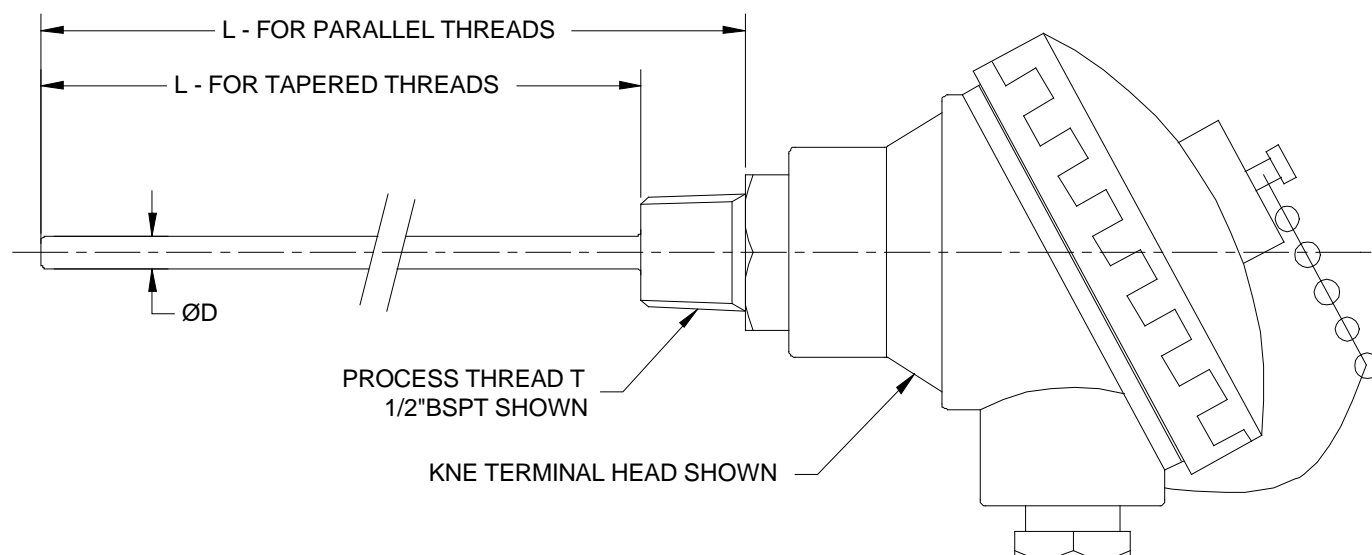


## PPL4-P Resistance Thermometer with Process Thread

Our PPL4 sensor has a fixed male process connection thread supplied directly beneath a terminal head giving the user the ability to screw the sensor directly into the process or a thermowell without the need for a compression fitting. The sensor is useful where there are space constraints and where a lagging extension is impractical. We can manufacture the sensor stem to your own diameter and length requirements and we have plenty of options available for the sensor and terminal head.



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—SEM203P (Specify Range) C - Tails for Customers Own Transmitter

Full details of all our products can be seen on our web-site:

**[www.processparameters.co.uk](http://www.processparameters.co.uk)**

## PPL4-P Resistance Thermometer with Process Thread

PPL4-P

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| 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 contact our sales office for assistance.

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