

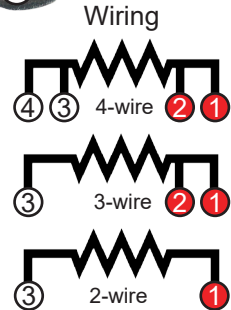
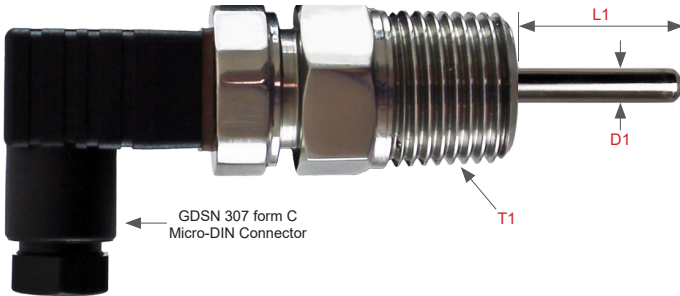
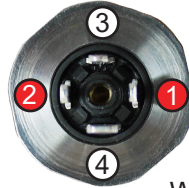
**PD RTD (Pt100/Pt1000) Sensor with Micro-DIN Connector**

PD sensors are supplied with a GDSN 307 form C Micro-DIN Connector which is IP65 rated. The sensors can be manufactured as Pt100 or Pt1000 with a 2, 3 of 4-wire configuration. Various grades/accuracies of element can be used.

The stem diameter can be from 3.0mm up to 8.0mm, the probe length can be up to 1000mm long, manufactured to suit your application. Standard stock lengths are available. BSP parallel, tapered and NPT thread options available.

All 316L stainless steel wetted parts with an integral process thread for simple, fast installation/replacement.

- Pt100 or Pt1000 as standard (simplex only)
- 3.0, 4.0, 4.5, 6.0, 8.0mm Ø 316L stainless steel probe
- 2, 3 or 4-wire configuration
- Temperature rating: Max +260°C, Min -50°C (connector +150°C)
- Various process thread options: BSP parallel, BSP tapered, NPT
- Standard stock lengths 50mm, 100mm, 150mm
- IP65 rated (plug, socket and gasket supplied)



|          |  |        |        |                      |      |                                      |                  |                 |                   |      |
|----------|--|--------|--------|----------------------|------|--------------------------------------|------------------|-----------------|-------------------|------|
| 1        | sensor type                                  |        |        |                      | code |                                      |                  |                 |                   |      |
|          | RTD (Pt100) Sensor with Micro-DIN Connector  |        |        |                      | PD   |                                      |                  |                 |                   |      |
|          | RTD (Pt1000) Sensor with Micro-DIN Connector |        |        |                      | PDK  |                                      |                  |                 |                   |      |
| 2        | thread (T1)                                  | code   | 3      | wiring configuration | code | 4                                    | grade of element | accuracy at 0°C | accuracy at 100°C | code |
|          | 1/4" BSP Parallel (G1/4)                     | W      |        | 2-wire               | 2    |                                      | B                | ± 0.30°C        | ± 0.80°C          | B    |
|          | 1/2" BSP Parallel (G1/2)                     | Y      | 3-wire | 3                    | A    | ± 0.15°C                             | ± 0.35°C         | A               |                   |      |
|          | 1/4" BSP Tapered (R1/4)                      | C      |        |                      |      |                                      |                  |                 |                   |      |
|          | 1/2" BSP Tapered (R1/2)                      | E      |        |                      |      |                                      |                  |                 |                   |      |
| 1/4" NPT | D  | 4-wire | 4      |                      |      |                                      |                  |                 |                   |      |
| 1/2" NPT | F  |        |        |                      |      |                                      |                  |                 |                   |      |
| 5        | probe diameter (D1)                          |        | code   |                      | 6    | probe length (mm) (L1)               |                  | code            |                   |      |
|          | 3.0mm  |        | 3.0    |                      |      | As required to suit your application | e.g. 250         |                 |                   |      |
|          | 4.0mm  |        | 4.0    |                      |      |                                      |                  |                 |                   |      |
|          | 4.5mm  |        | 4.5    |                      |      |                                      |                  |                 |                   |      |
|          | 6.0mm  |        | 6.0    |                      |      |                                      |                  |                 |                   |      |
| 8.0mm    |  | 8.0    |        |                      |      |                                      |                  |                 |                   |      |

**order code (example)** 1 2 3 4 5 6  
 PD - Y - 3 - A - 6.0 - 150



Outer socket with case removed



Socket



Plug