

# Industrial Automation Pt100 RTD Sensor with M12 connector - 1/2"BSPP Process Connection Type " 3mm Sheath Diameter - 100mm Sheath Length



4 pin Wiring Diagram.



| Pin | TYPE '12A' |
|-----|------------|
| 1   | Red        |
| 2   | Red        |
| 3   | White      |
| 4   | White      |



Labfacility are the UK's leading manufacturer of Temperature Sensors, Thermocouple Connectors and associated Temperature Instrumentation and stockings of Thermocouple Cables. The Company has been trading since 1971 and is ISO9001 accredited.

An industrial automation temperature sensor with a measuring range of -50 to +250°C with a Pt100 class A 4 wire resistance thermometer detector (RTD).

Available in 3 & 6mm diameter 316 Stainless steel sheath with standard lengths of 100, 150, 200 & 250mm. Supplied with plain barrel or screw in options 1/4 BSP, 1/2 BSPP & 1/4 & 1/2 NPT process threads.

The Sensor features an industry standard 4 pin M12 A coded instrument connection, suitable for new industrial process control & automation applications and field replacement of sensors.

Pt100 RTD class A 4 wire resistance thermometer as per IEC 751

Sensor temperature rating -50 to +250°C

4 pin M12 A coded instrument connection

3 & 6mm 316 stainless steel sheath

100, 150, 200 & 250mm standard lengths

Plain barrel or screw in options 1/4 BSP, 1/2 BSPP & 1/4 & 1/2 NPT process threads

For use with M12 female connectors & extension cables.

### Typical Applications

Automation Applications

Field Replacement of Sensors

Industrial Process Control

Pharmaceuticals & Chemical Plants

### Specifications

## Specifications

|                     |                                                                |
|---------------------|----------------------------------------------------------------|
| Product Code        | XE-7216-001                                                    |
| General Description | Pt100 RTD Class A 4-wire resistance thermometer as per IEC 751 |
| Sensor Type         | Pt100                                                          |
| Sheath Material     | 316 Stainless Steel                                            |
| Termination Type    | M12 Male                                                       |
| Sheath Length (mm)  | 100mm                                                          |

|                            |                                                                                                                                               |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Sheath Diameter (mm)       | 3mm                                                                                                                                           |
| Process Connection options | 1/2" BSPP process thread                                                                                                                      |
| Max. Temperature           | 250°C                                                                                                                                         |
| Min. Temperature           | -75°C                                                                                                                                         |
| Number of Wires            | 4 wire                                                                                                                                        |
| Important Information      | Typical Applications: Automation Applications / Field Replacement of Sensors / Industrial Process Control / Pharmaceuticals & Chemical Plants |