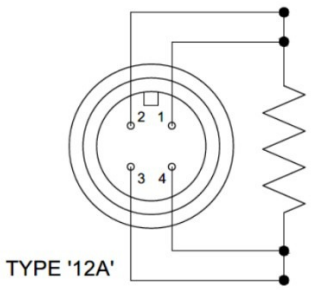
Industrial Automation Pt100 RTD Sensor with M12 connector - 1/4"BSPP Process Connection Type - 6mm Sheath Diameter - 200mm Sheath Length



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.

LABFACILITY
TEMPERATURE & PROCESS TECHNOLOGY

Datasheet

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-7214-001
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)	200mm

Sheath Diameter (mm)	6mm
Process Connection options	1/4" 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
Series	M12 Pt100