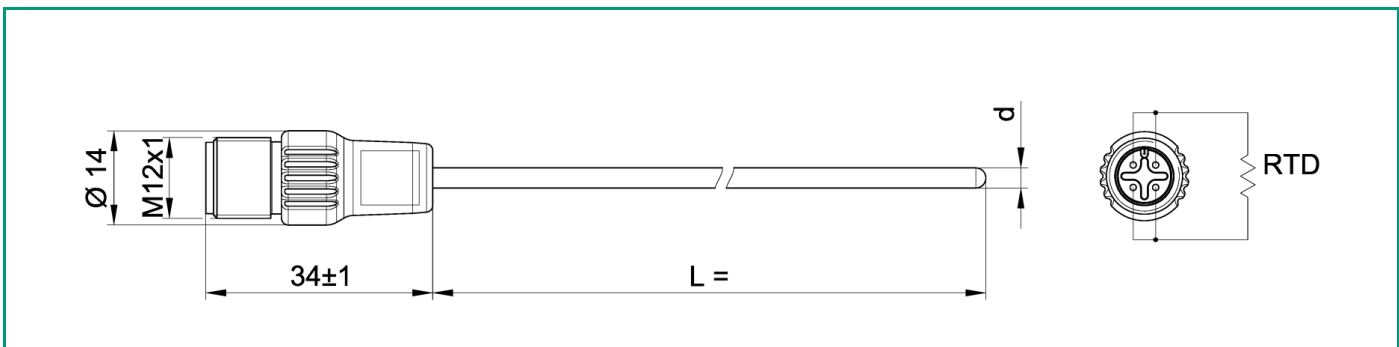


RTD "CRYOGENIC USE" WITH M12 CONNECTOR

Thermoresistance thermometer with 4 poles M12 connector, combines the advantages of the connector with those of the " transition "

- single RTD Pt 100 cl.B
- Moulded IP67 connector
- foldable compact mineral insulation construction (M.I.C.) Ø3 mm
- Suitable for temperatures -200÷ 500°C (CRYOGENIC USE)



TECHNICAL SPECIFICATION

Sensing element	Pt100 range -200÷500 °C
Sensing Element configuration	single 4-wire
Accuracy class in accordance to IEC751 (*) (*) Pt 100 cl.A only available with 3 or 4 wires, cl.AA 4 wires only; Pt 1000 cl. A available with 2 wires only for cable lengths below 1 m, for longer cables only available with 3 or 4 wires, cl. AA 3 wires for cable lengths below 1 m, for longer cables only 4 wires.	cl. B, Operating range (in which the accuracy class is guaranteed) -200 ÷ 500°C
Sheath diameter d= (*) test in water in accordance with IEC 751. Time taken to reach 63.2% of temperature step	Ø 3 mm, Response time < 3,5 seconds(*)
M.I.C. min. bending radius	3 times the outer diameter (except the sensing tip which length is ~30 mm)
Sheet material	AISI 316L
Insulation resistance	100 M Ω@ 100 Vdc.

TECHNICAL SPECIFICATION

Stem length L	250 mm 300 mm 350 mm 500 mm
Dimensional notes	Lengths other than those listed can be produced for minimum quantities to be agreed (after our feasibility study)
Type of connector	male 4-pin connector with M12x1 metal screw lock (in accordance with IEC 61076-2-101 STANDARDS)
Connection body material	POLYAMYDE (MOULDED)
Connector operating temperature range	-20 ÷120°C
Fixing system	bare stem
Marking	marked with calibration value at 0 °C, production date and traceability code
International protection marking (*) (*) According to IEC 60529	IP67
FCM Prescriptions	Before the use is required to wash the food contact areas
Contact food type	all the foods
Materials in contact with food	AISI 316L
Type of contact	continuous
Area suitable for contact	stem for a maximum length of 1 m (measured from the tip)
Contact food temperature range	-40 ÷150°C
Maximum working pressure	PN 100 BAR