

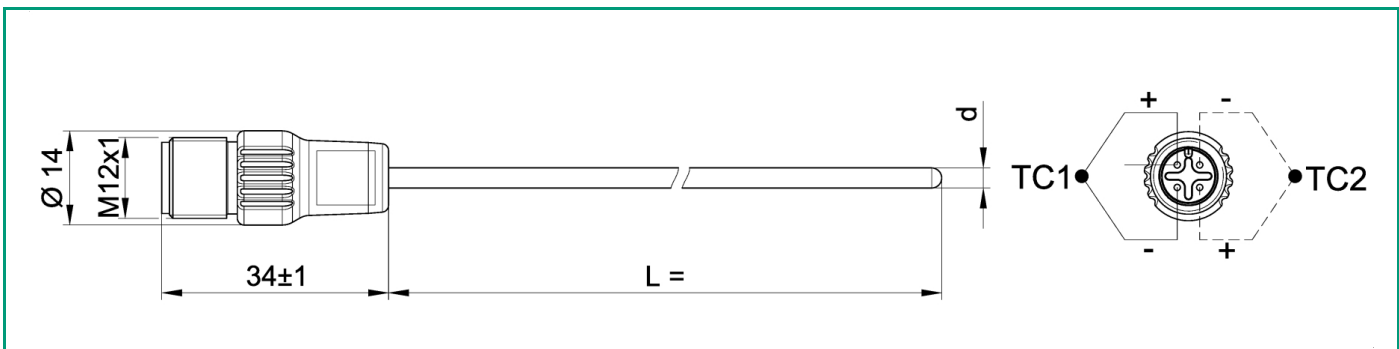
TCSV12

Rev. 1 - 10/06/2022

THERMOCOUPLE WITH COMPENSATED CONNECTOR WITH M12x1 MALE METAL THREAD

Alternative thermocouple either to probes with standard connectors or to assemblies with connection heads

- Resistant design and high degree of environmental protection (IP-67)
- Single or Double sensing element
- Vibration-resistant design



TECHNICAL SPECIFICATION

Thermocouple calibration	type J (iron-constantan), Sheet material AISI 304, Sensing part maximum working temperature 600°C type K (cromel-alumel), Sheet material INCONEL 600, Sensing part maximum working temperature 1150°C
Number of sensing elements (T/C) (*) (*) Number Elements (T/C) asterisco	double single
Norm of reference	IEC 584
Hot measuring joint	insulated
Accuracy class in accordance with IEC 584	1 (SPECIAL) 2 (STANDARD)
M.I.C. min. bending radius	3 times the outer diameter
Insulation resistance	100 M Ω @ 100 Vdc.
Sheath diameter d	Ø 3 mm Ø 4.5 mm Ø 6 mm
Stem length L	250 mm 500 mm 1000 mm 1500 mm

TECHNICAL SPECIFICATION

Dimensional notes	Lengths other than those listed can be produced for minimum quantities to be agreed (after our feasibility study)
Type of connector	male connector having contacts with M12x1 metal screw lock (in accordance with IEC 61076-2-101 STANDARDS)
Connection body material	POLYAMYDE (MOULDED)
Maximum connector temperature	120°C
Fixing system	bare stem
International protection marking (*) (* According to IEC 60529)	IP67