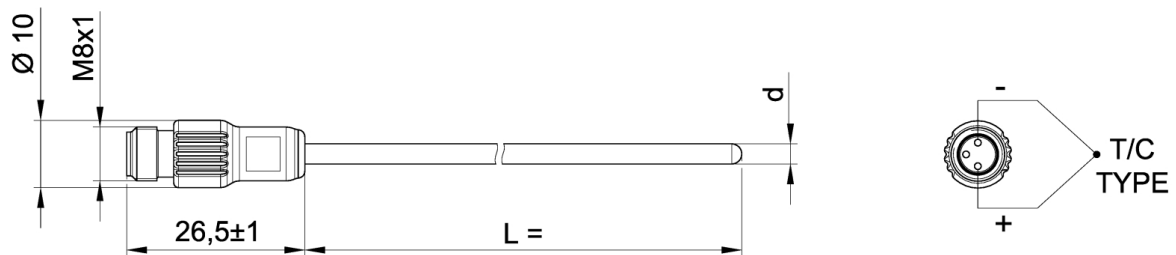


## THERMOCOUPLE WITH COMPENSATED M8X1 CONNECTOR

mineral insulated thermocouple (M.I.C.) that, thanks to the small connector, can replace the executions with transition

Compensated connector moulded on (IP-67). This execution joins the advantages of the connector to the ones of a sealed cold junction (small size and suitability to severe environmental conditions)



## TECHNICAL SPECIFICATION

<b>Thermocouple calibration</b>	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 1100°C
<b>Number of elements (T/C) (*) (* ) Number Elements (T/C) asterisco</b>	single
<b>Norm of reference</b>	ANSI MC96.1 IEC 584
<b>Hot measuring joint</b>	insulated
<b>Accuracy class in accordance with IEC 584</b>	1 (SPECIAL) 2 (STANDARD)
<b>Sheath diameter d=</b>	Ø 2 mm Ø 3 mm
<b>M.I.C. min. bending radius</b>	3 times the outer diameter
<b>Insulation resistance</b>	100 M Ω@ 100 Vdc.
<b>Stem length L</b>	150 mm 200 mm 250 mm
<b>Dimensional notes</b>	Lengths other than those listed can be produced for minimum quantities to be agreed (after our feasibility study)
<b>Type of connector</b>	male connector having compensated contacts with M8x1 metal screw lock (in accordance with IEC 61076-2-101 STANDARDS)
<b>Connection body material</b>	POLYAMYDE (MOULDED)
<b>Maximum connector temperature</b>	120°C
<b>Fixing system</b>	bare stem
<b>International protection marking (*) (* ) According to IEC 60529</b>	IP67