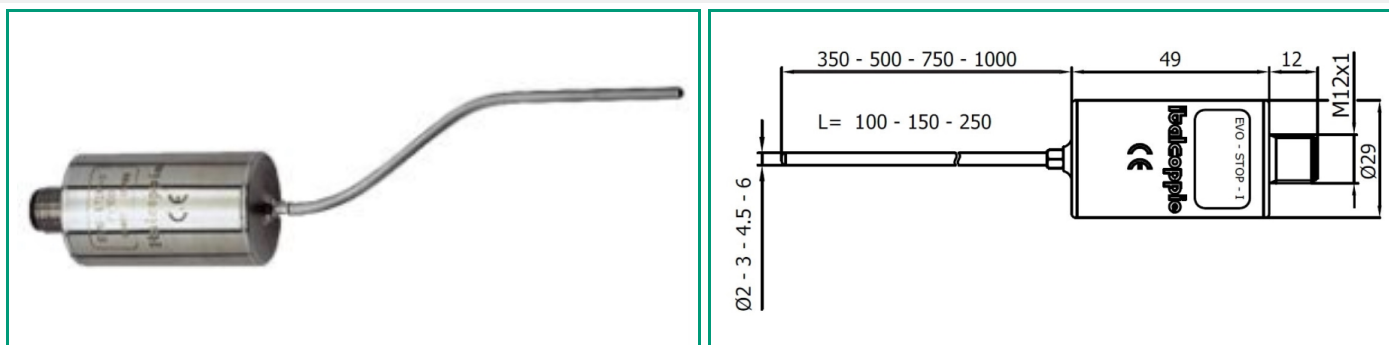


EVOSTOP I ELECTRONIC TEMPERATURE SWITCH

Electronic temperature switch. Programmable

Easy to configure, by means of a PC or a hand held device, low cost, accurate and rugged construction. Temperature switch and probe are only one piece.



TECHNICAL SPECIFICATION

Supply voltage	12 $\pm$ 30 Vdc (polarity protected)
Power consumption	max. 0,7W
Accuracy	± 0.5 °C (electronic section temperature -10 $\pm$ 50 °C) ± 2 °C (electronic section temperature -10 $\pm$ 50 °C)
Output	Transistor PNP refresh interval 1 second max. pilot current 100 mA (with short-circuit protection)
Range configurations	It is possible set the device by EVOSTOPSET configuration kit (it is needed a PC with OS Windows).
PCB operating temperature	-25 $\pm$ 80°C
Sensing element operating temperature range (Pt100)	-100 $\pm$ 500°C
Sensing element operating temperature range (Thermocouple)	0 $\pm$ 1100 °C
Resolution	Pt100 0,1 °C Thermocouple 1 °C
Sensing element	Pt100 Ω @ 0°C thermocouple
M.I.C. min. bending radius	3 times the outer diameter (except the sensing tip which length is ~30 mm)
Sheet material	AISI 316, Type of sensor thermoresistance INCONEL 600, Type of sensor thermocouple
Connector	Male M12 x 1 in accordance with IEC 61076-2-101 STANDARDS (output)
International protection marking (*) (*) According to IEC 60529	IP67
Diameter sensor	sensor Ø2 sensor Ø3 sensor Ø4.5 sensor Ø6

TECHNICAL SPECIFICATION

Stem length L

100 mm
150 mm
250 mm
350 mm
500 mm
750 mm
1000 mm

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WE SENSE

TEMPERATURE