

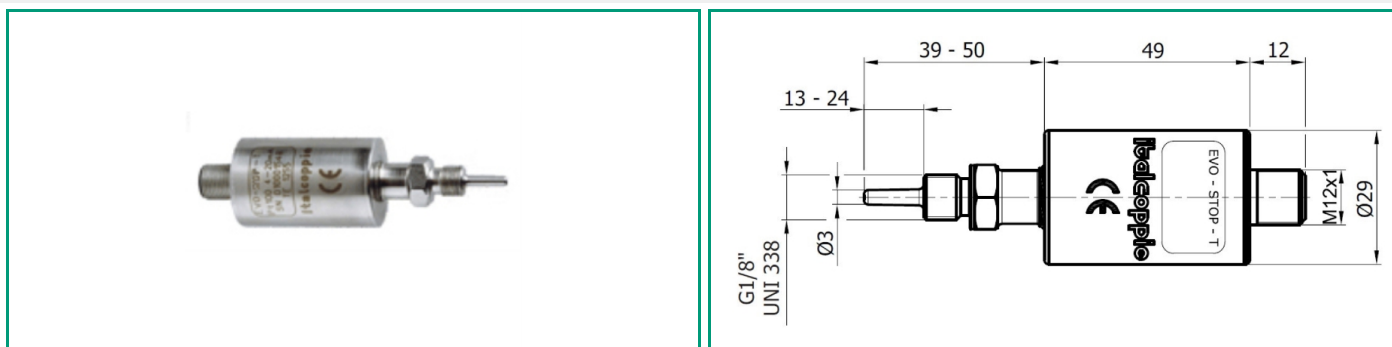
EVOST

Rev. 0 - 24/05/2021

EVOSTOP T

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	$\pm 0.5^{\circ}\text{C}$ (electronic section temperature $-10 \div 50^{\circ}\text{C}$) $\pm 2^{\circ}\text{C}$ (electronic section temperature $-10 \div 50^{\circ}\text{C}$)
Output	Transistor PNP refresh interval 1 second max. pilot current 100 mA (with short-circuit protection) Transistor NPN
Range configurations	It is possible set the device by EVOSTOPSET configuration kit (it is needed a PC with OS Windows).
PCB operating temperature	$-25 \div 80^{\circ}\text{C}$
Sensing element operating temperature range	$-50 \div 120^{\circ}\text{C}$
Resolution	0,1 $^{\circ}\text{C}$
Sensing element	Pt100 Ω @ 0°C
Connector	Male M12 x 1 in accordance with IEC 61076-2-101 STANDARDS (output)
Process Connection	threaded 1/8" GAS CIL. acc. UNI-ISO 228
Connection body material	AISI 316
International protection marking (*) (*) According to IEC 60529	IP67