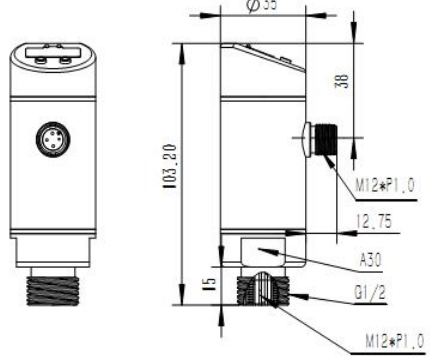


TB1005 Temperature Sensor with Remote Probe Control Unit assemble with another TD probe and cable M12 socket Connection: External thread G1/2" Programmable Dual switching output 3 digit display Sensing range -40...150°C -40...302°F	 		
Applications	Liquid and gas		
Output	OUT1	PNP/NPN Programmable	Hno= hysteresis / NO
			Hnc= hysteresis / NC
			Fno= window function / NO
			Fnc= window function / NC
	OUT2	PNP/NPN Programmable	Hno= hysteresis / NO
			Hnc= hysteresis / NC
			Fno= window function / NO
			Fnc= window function / NC
			dES= diagnosis output / NC
Current consumption[mA]	<50		
Supply voltage[V]	18...36 DC		
Short-circuit protection	Yes		
Reverse polarity protection	Yes		
Overload protection	Yes		
Watchdog	Yes		
Voltage drop[V]	<2		
Setting range			
Switching point SP[°C/°F]	-39.5...150 / -39...302		
Reset point rP[°C/°F]	-40...149.5 / -40...301		
In steps of	0.5/1		
Programming options	Hysteresis range / Window function, NO / NC Min/Max, Factory reset, °C/°F		
Adjustment of switching point	via pushbuttons		
Accuracy			
Switching output [°C/°F]	0.5/1		
Display[°C/°F]	0.5/1		
Temperature drift(/10K)	0.1		
Startup delay time[s]	1.5		
Measuring/Display cycle[ms]	200		

Ambient temperature [°C/°F]	-40...150/-40...302
Medium temperature [°C/°F]	-25...80/-13...176
Storage temperature[°C/°F]	-40...100/-40...212
Insulation resistance[MΩ]	>100 (500V DC)
Protection/Enclosure Rating	IP68
Dimensions[mm]	
ESD	6KV III
EFT	2KV III
Walkie talkie experiment	N/A
Shock resistance[g]	50
Vibration resistance[g]	20
Housing material	Stainless steel 304
Function LED/output status	Red LED
Connection	M12 socket
Wiring Core color Programming of the output function: Hno= hysteresis / NO Hnc= hysteresis / NC Fno= window function / NO Fnc= window function / NC	