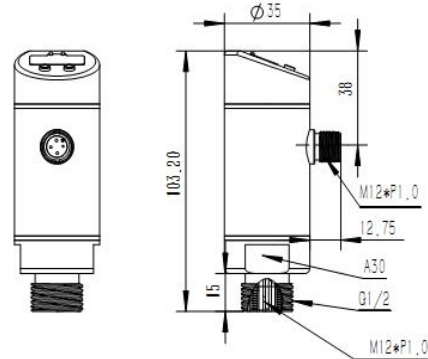
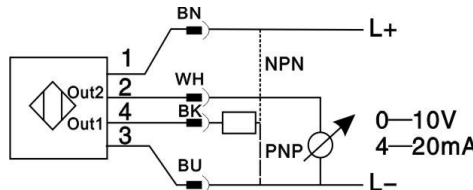
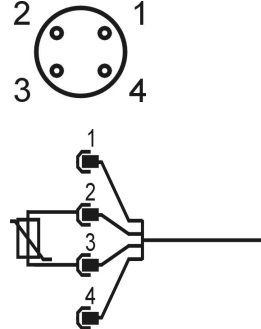


TB1004 Temperature Sensor with Remote Probe Control Unit assemble with another TD probe and cable M12 socket Connection: External thread G1/2" Programmable Switching + Analogue output 4...20mA;0...10V 7 segment LED Sensing range -40...150°C -40...302°F	 CE RoHS
Applications	Liquid and gas
Output	NO  /NC  Analogue output 4...20mA, 0...10V
Supply voltage[V]	18...36 DC
Max. overload current[mA]	300
Short-circuit protection	Yes
Reverse polarity protection	Yes
Overload protection	Yes
Watchdog	Yes
Voltage drop[V]	<2
Current consumption[mA]	<50
Analogue output	4...20mA (Rmax:5000 Ohm) / 0...10V (Rmin:1000 Ohm)
Setting range	
Analogue start point ASP[°C/°F]	-40...140 / -40...284
Analogue end point AEP[°C/°F]	-30...150 / -22...302
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 accuracy[°C/°F]	±0.2/±0.36
Analogue accuracy[°C/°F]	±(0.2/0.36+0.4% Measuring range)
Display[°C/°F]	±(0.2/0.36+1/2)
Resolution	
Switching output [°C/°F]	0.5/1
Analogue output[°C/°F]	0.125/0.23
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	