

TC0105 Compact Temperature Sensors M12 socket Connection: External thread G1/4 Probe length: L=60mm Analogue output Sensing range -40...100°C -40...212°F	
Applications	Liquid and gas
Electric design	DC
Output	0~10V Analogue output
Supply voltage[V]	18...36DC
Reverse polarity protection	yes
Overload protection	yes
Analogue output	0~10V
Analogue output response time[m]	3
Accuracy[°C/°F]	±0.1/32
Ambient temperature [°C/°F]	-40...100/-40...212
Medium temperature [°C/°F]	-40...100/-40...212
Storage temperature[°C/°F]	-25...80/-13...176
Insulation resistance[MΩ]	>100(500 VDC)
Protection/Enclosure Rating	IP68
Dimensions[mm]	
ESD[KV]	2KV(III)
EFT[KV]	4KV(II)
Walkie talkie experiment[M]	<10
Shock resistance[g]	50
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	Stainless steel 316L
Connection	M12 socket
Wiring Core color	