M12 x 1.5 Stainless Temperature Sensor

SENTEMSSM12 (-20 to 200°C)

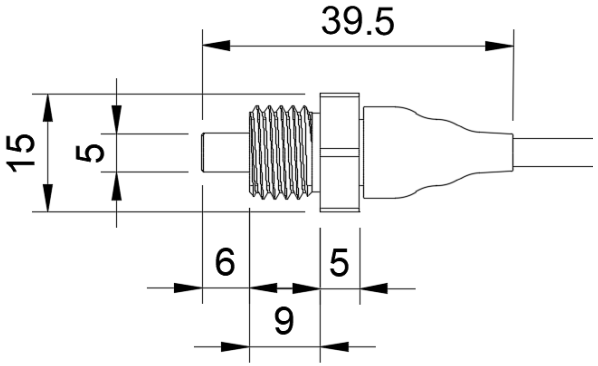
Specifications

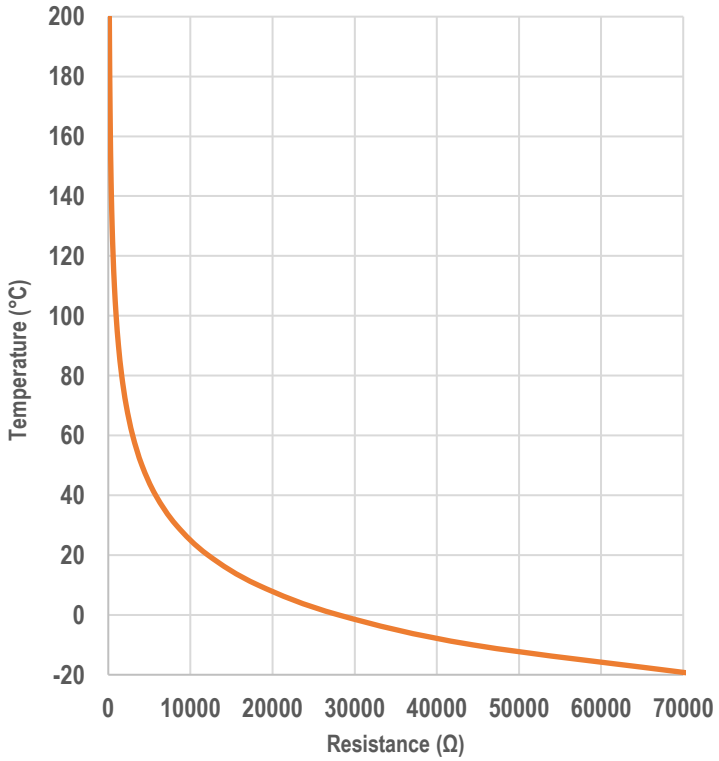
Housing Material:	Stainless Steel
Mounting Thread:	M12 x 1.5
Cable Length:	300mm[1]
Connector:	Unterminated

[1] Custom length available upon request

Temperature Range:	-20 to 200 °C
Response Time ($T_{63\%}$) in Water:	< 3.5 sec
Sensor Type:	Immersion (Fluid)

Mechanical Drawing





Temperature (°C)	Resistance (Ω)	Volts* (V)	Volts** (V)
-20	72300	4.932	4.801
-10	44360	4.890	4.683
0	28050	4.828	4.517
10	18220	4.740	4.293
20	12140	4.619	4.009
30	8281	4.461	3.670
40	5769	4.261	3.289
50	4099	4.019	2.887
60	2967	3.740	2.486
70	2184	3.430	2.106
80	1633	3.101	1.762
90	1239	2.767	1.461
100	954	2.441	1.206
110	743	2.131	0.993
120	586	1.847	0.817
130	467	1.592	0.673
140	377	1.369	0.558
150	307	1.174	0.464
160	252	1.006	0.387
180	175	0.745	0.276
200	125	0.556	0.200

*with 1K pull-up (for MoTeC M1 input)
**with 3K pull-up (for Life Racing ECUs)

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