



Fluid Temp Sensor -40°C to +240°C  
Technical Diagram  
Part Number: H-OT-VAR  
Drawing Revision 1 - 19/11/24



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### NOTES:

This sensor is a passive, non-polar resistive sensor. It does not matter in which polarity you wire the sensor.

We have specified a wiring standard to make future diagnostics easier.

Unloaded Resistance Vs Temperature Data Table

Temp °C	Voltage V*	Resistance Ω	Temp °C	Voltage V*	Resistance Ω
-40	4.975	202269	110	2.159	760
-20	4.929	69693	120	1.873	599
-10	4.887	43117	130	1.612	476
0	4.825	27493	140	1.382	382
10	4.737	18015	150	1.183	310
20	4.618	12098	160	1.000	250
30	4.463	8309	170	0.864	209
40	4.267	5825	180	0.741	174
50	4.031	4160	190	0.633	145
60	3.757	3023	200	0.548	123
70	3.435	2,232	210	0.471	104
80	3.129	1672	220	0.409	89
90	2.797	1270	230	0.357	77
100	2.471	977	240	0.310	66

\*Voltage values based on using a 1KΩ Pull Up Resistor