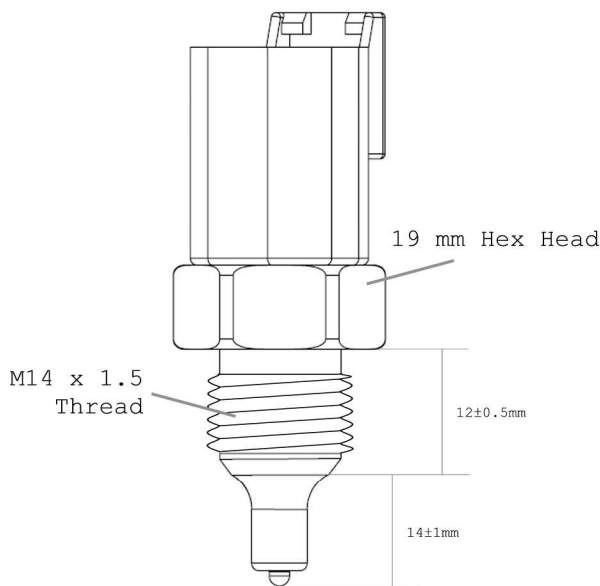


Data Sheet: MSTS Series Air Temperature Sensor

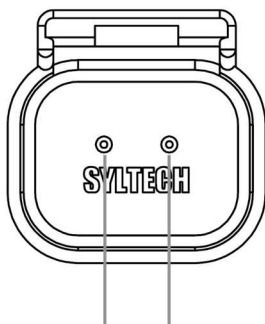
Part Number: MSTS-2P-M14-AL-G30

Type: Open Element Thermistor  
Element Encapsulation: Glass  
Housing: Hard Anodized Alloy  
Temp. Range: -40°C to 300°C  
-40°F to 572°F  
Hex Size: 19 mm  
Thread Size: M14 x 1.5  
Connection: DTM04-2P, 2 Pin  
Mating connector: DTM06-2S

Side View:



Rear View:



Signal & Sensor Ground Pins  
(Not Polarity Specific)

Calibration Table:

Temperature (°C/°F)	Resistance (Ω)	Voltage (V) 1kΩ Pull-Up @ 5VDC
-40	<b>3429745</b>	<b>4.999</b>
-30	1787980	4.997
-20	<b>975804</b>	<b>4.995</b>
-10	554702	4.991
0	<b>327020</b>	<b>4.985</b>
10	199201	4.975
20	<b>124973</b>	<b>4.960</b>
30	80527	4.939
40	<b>53164</b>	<b>4.908</b>
50	35884	4.864
60	<b>24717</b>	<b>4.806</b>
70	17345	4.727
80	<b>12383</b>	<b>4.626</b>
90	8981	4.499
100	<b>6610</b>	<b>4.343</b>
110	4932	4.157
120	<b>3727</b>	<b>3.942</b>
130	2850	3.701
140	<b>2203</b>	<b>3.439</b>
150	1722	3.163
160	<b>1358</b>	<b>2.880</b>
170	1081	2.597
180	<b>869</b>	<b>2.325</b>
190	703	2.064
200	<b>574</b>	<b>1.823</b>
210	472	1.603
220	<b>391</b>	<b>1.405</b>
230	326	1.229
240	<b>273</b>	<b>1.072</b>
250	231	0.938
260	<b>196</b>	<b>0.819</b>
270	167	0.716
280	<b>143</b>	<b>0.626</b>
290	124	0.552
300	<b>107</b>	<b>0.483</b>

Note: PVC cap must be removed before installation. Metal hex head section must be used to tighten the sensor only. Rotational force on the plastic connector body can potentially cause damage to the sensor assembly. Syltech takes no responsibility for any damage incurred by incorrect installation or use of this sensor. If unsure, please consult a qualified Auto Electrician for correct fitment and wiring. Off-road use only.