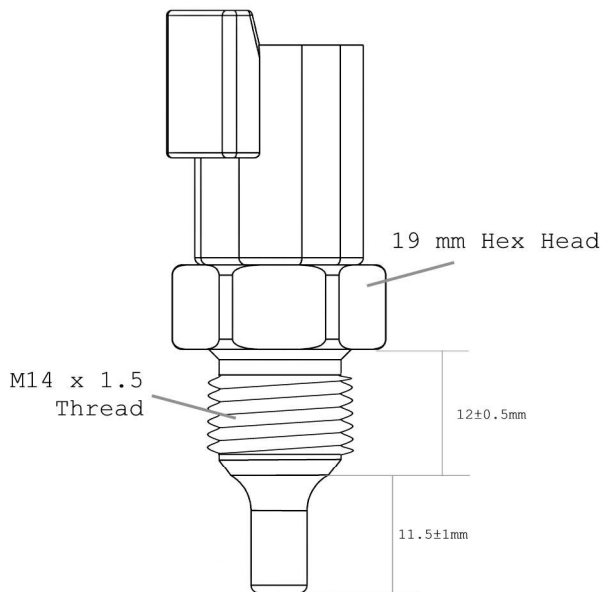


Data Sheet: MSTS Series Fluid Temperature Sensor

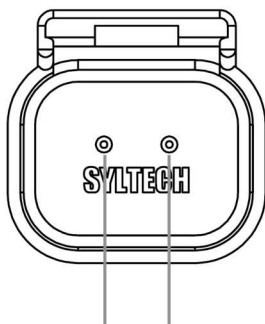
Part Number: MSTS-2P-M14C-AL-G30

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

Note: Metal hex head section must be used to tighten 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.