

PT1000

Air-fluid temperature sensor

Description

A miniature sensor designed for fast response temperature measurement.

Suitable for air, water, oil & fuel temperature measurement.

Main Features

- AISI 316 housing for improved mechanical strength
- Splash resistant to standard motorsport fluids
- Miniature tip
- High strength teflon coated leads



Temperature resistance table

°C	Ω	$\Omega/^\circ\text{C}$
-20	921.3	3.94
-10	960.7	3.93
± 0	1000.0	3.90
10	1039.0	3.89
20	1077.9	3.88
30	1116.7	3.87
40	1155.4	3.86
50	1194.0	3.84
60	1232.4	3.83
70	1270.7	3.82
80	1308.9	3.81
90	1347.0	3.80
+100	1385.0	3.78
110	1422.8	3.78
120	1460.6	3.76
130	1498.2	3.75
140	1535.7	3.75
150	1573.2	3.73

Benefits

- High signal level
- Little dimensions
- Low weight

Typical Applications

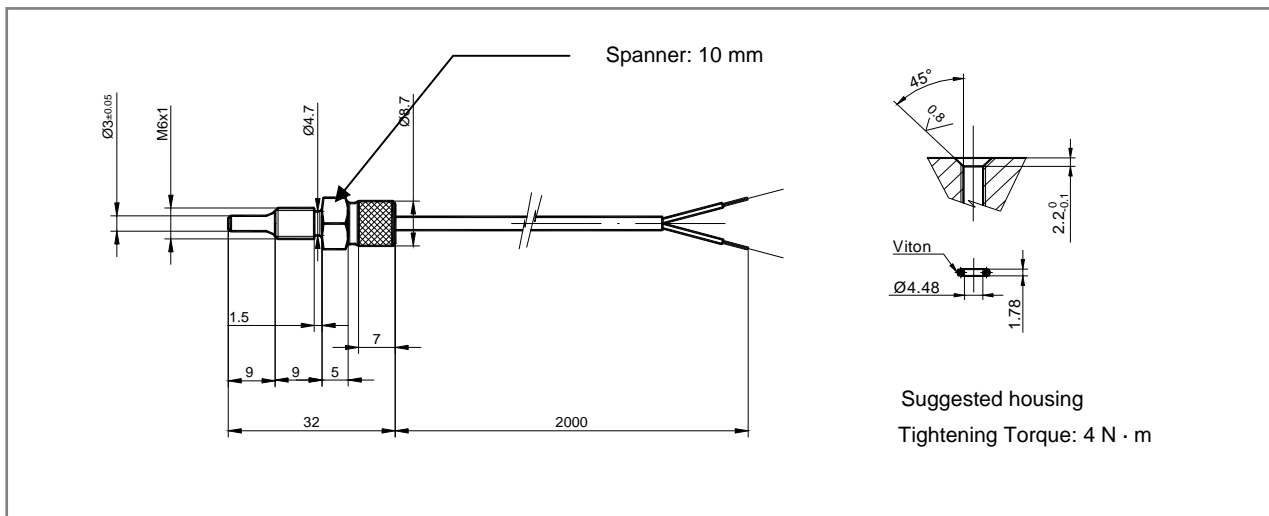
Racing engines

SENSORS

PT1000

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Dimensions

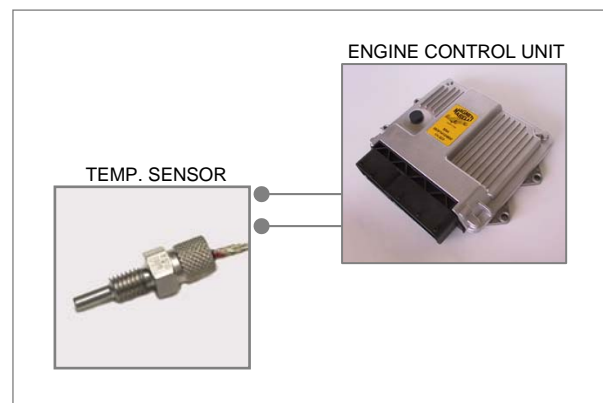


Dimensions in millimetres

Technical Characteristics

Typical application Oil, water and fuel temp.
Temperature range -20 to 150 °C
Accuracy ± 1 °C
Weight 35.5 g

Application Schematics



For further information, please contact:



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