

# 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   | $\Omega$ | $\Omega/^\circ\text{C}$ |
|------|----------|-------------------------|
| -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

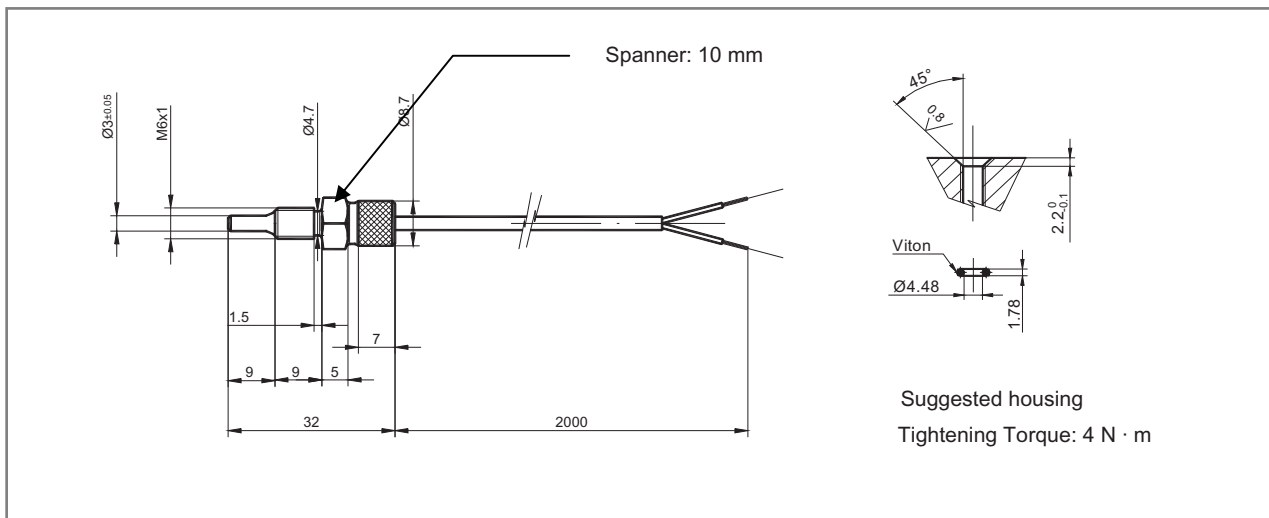
Racing engines

# SENSORS

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### Dimensions

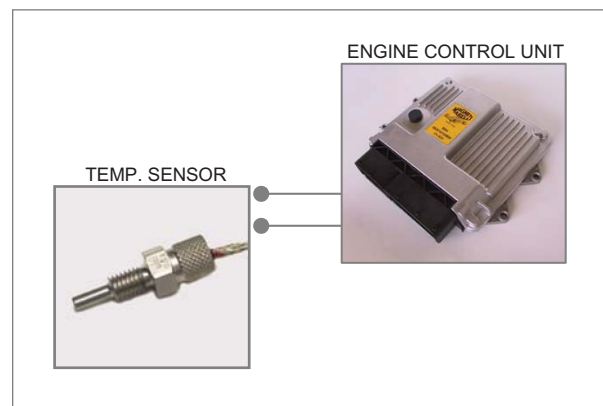


Dimensions in millimetres

### Technical Characteristics

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

### Application Schematics



For further information, please contact:



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