

Temperature Probe TP-02

Description

The fibre optic Temperature Probe TP-02 is a ruggedized temperature sensor which can be used either in a single ended as well as in a series configuration. The sensor is housed in a stainless steel tube with a connector at one or at both ends.

Features

- Temperature sensing for single ended or serial configurations
- High accuracy
- Watertight and ruggedized housing, applicable in harsh environments
- Embeddable in concrete



Applications

High accuracy temperature sensing in a fibre optic sensing network for various purposes. Applicable both indoors as well as outdoors.

Standard specifications

Value
0.05°C
0.1°C
-20 °C to +80 °C
11 cm
6 mm
SS316
3 mm
1.5 m
LDPE
FC/APC
IP68

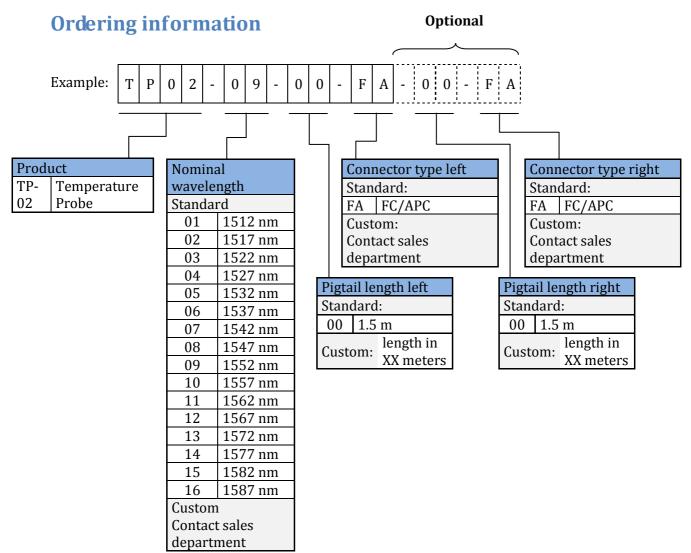
 $[\]overline{\ }^1$ Taking into account a depolarized measurement device with a 1 pm wavelength resolution and precision.

 $^{^{2}}$ Extendable on request.

³ For the sensor, not for the connector. For the high temperatures, splicing is recommended.

⁴ Watertight at 10 bar for 12 hours.





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