

## T 60 - Temperature sensor

Fiber Bragg Grating based temperature sensor with ruggedized housing for harsh environments. Can be mounted on the desired surface or embedded into nearly any structure (concrete).

This sensor can be connected in a serial configuration with any other sensor.

- Surface-mountable or embeddable into the concrete and other structures.
- Double ended
- Can be used for temperature compensation of other sensors.



Parameter	Performance
Sensitivity	28 pm/deg
Operational temperature range	-20 to +60 °C
Peak survival temperature	+80°C
Accuracy	<0.5°C
Precision	±0.3°C
Weight	130g
Material	SS 316L
Protection	IP 67
FWHM	< 0.3 nm
Reflectivity	40 %
Insertion loss	< 0.1 dB
FBGs	1
Cable length <sup>1</sup>	1m
Connector options	FC/APC, LC/APC, open end

<sup>1</sup> Other cable length on request.

## Mounting instructions

Sensor can be embedded in the substrate or mounted on any desired location

