Euroscan Temperature Sensors

Ruggedized temperature sensors for industrial cold chain monitoring solutions

Temperature sensor 3m in metal head 70DEG C W CONN and C. CONN

Temperature sensor in 0.2°C

Temperature sensor in 0.1°C

The Euroscan temperature sensors seamlessly integrate into ORBCOMM's cold chain monitoring solutions to help ensure the integrity of temperature-sensitive cargoes such as refrigerated or frozen foods and pharmaceuticals as they move along the supply chain. The IP68-rated sensors operate in extreme temperatures and environments.

Our temperature sensors are compatible with the MX1, MX2 and X3 series Euroscan temperature recorders, the RT 6000+, PT 6000, XT 4760 and the Blue Tree BT 300 and BT 500.

Sensor accuracy/settings
* 0.1 Degrees Celsius*
  Part Number: 009.000.5106 (6 meters). 009.000.5115 (15 meters). 009.000.5122 (22 meters)

* 0.2 Degrees Celsius*
  Part Number: 009.000.5006 (6 meters). 009.000.5015 (15 meters). 009.000.5022 (22 meters)

* 0.2 Degrees Celsius With Connector*
  Part Number: 009.000.5103 (3 meters)

Reaction time/thermal response time
* $t_{0,63} = 15$ s
* $t_{0,9} = 30$ s

Sensor type
* Overmolded – double insulation

Accuracy is defined for 0 to 70°C.

Ruggedized, versatile and accurate

Integrate into ORBCOMM cold chain monitoring solutions

Comprehensive temperature management

Quick and easy to install

PRO.190 V2.0

Stability
- Dry heat 100°C, 1000 hours: +/-1% of initial value
- Damp heat 95%, 40°C, 1000 hours: +/-1% of initial value
- Cold 0°C, 1000 hours: +/- 1%
- Temperature shock -30°C/Amb/+90°C, 100 cycles: +/- 1% of initial value

Operating temperatures
- -50 to +70°C*

Maximum temperatures
- From -50°C to 105°C

IP rating
- IP68*

Weight
- 3 meters: 35 g
- 6 meters long: 66 g
- 15 meters long: 163 g
- 22 meters long: 237 g

Regulation
- EN12830 compatible

*Range can depend on product and firmware.

*IP rating applies to the sensor head.

CALL: 1.800.ORBCOMM   EMAIL: SALES@ORBCOMM.COM   VISIT: WWW.ORBCOMM.COM

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