

# 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**



**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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