VIACHAIN™

AN ORBCOMM COMPANY

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

Euroscan Temperature Sensors

Ruggedized temperature sensors for industrial cold chain monitoring solutions.

The Euroscan temperature sensors seamlessly integrate into VIACHAIN'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 BT 300 and BT 500.

Ruggedized, versatile and accurate

Integrate into VIACHAIN cold chain monitoring solutions

Comprehensive temperature management

Quick and easy to install

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.

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*

Range can depend on product and firmware.

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
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Regulation

- EN12830 compatible

* *Range can depend on product and firmware*

Email: **sales@viachain.io** | Call: **1-800-672-2666**

Visit our website **www.viachain.io**

VIACHAIN, an ORBCOMM company, is a global leader in IoT solutions that deliver enhanced sustainability, cargo safety and operational reliability for logistics providers, trucking fleets and the world's largest shipping lines. Our pioneering technology transforms intermodal containers and trailers into smart assets to optimize efficiency and reduce risk. Providing real-time visibility and insights into location, condition, safety and route performance, our solutions enable fast reactions to disruptions. With more than 1.6 million connected assets, VIACHAIN is where IoT powers smart supply chains.