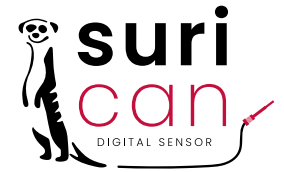


GET RID OF YOUR CABLING NIGHTMARE



THE NEW SURICAN DIGITIZES MULTIPLE TEMPERATURE SENSOR SIGNALS.

KEY BENEFITS

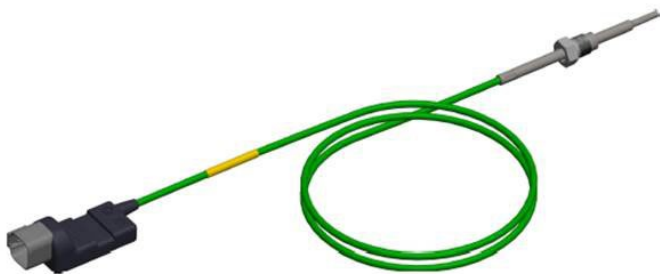
1. Simplify the wiring installation
2. Add new sensors without modifying your acquisition system
3. It reduces the overall costs of your instrumentation setup.
4. It is specifically designed for harsh environments (IACS-E10 compliant for Marine applications).
5. Advantageous total cost of ownership

FEATURES

- It communicates with CAN J1939 protocol
- It is easy to configure to the customer requirements
- It is easy to install
- Self diagnosis for *optimum service performance*
- Automotive standard connector

APPLICATION USE

- Engines
- Exhaust gas after treatment systems (SCR)
- Marine
- Process industries
- Machinery
- Oil & Gas



CMR GROUP

CMR Group develops Instrumentation, Control and Automation technologies that enables Power, Oil & Gas, Marine and Industry transformation with more controllable, digital, and sustainable solutions.

CMR Group is the global and long-time partner to high power engine manufacturers and nuclear powerplant operators. With more than 60 years of experience in the development of sensors and harnesses for harsh environment, CMR Group keeps pushing the innovation to offer high level solutions designed for performance, reliability, and cost-effectiveness.

TECHNICAL SPECIFICATIONS

MESUREMENT

• Sensitive element	K-type thermocouple
• Measurement Range	-40°C to 1000°C
• Accuracy	±0,5% (Calibration by software)
• Max Channel number	2

DIGITAL OUTPUT

• Output signal	CAN J1939-71
• Baud rate	Configurable: 125Kbps, 250Kbps or 500Kbps
• Data period	Configurable : 100ms, 250ms, 400ms, 500ms
• Auto Diagnosis	Power supply, internal sensor temperature, Internal defect, sensor break, Temperature over range
• Configuration via CAN bus	CAN address, T° range, filter temperature over range

INTEGRATION

• Power supply	5 to 32 Vdc
• Operating temperatures (converter)	-40°C to +125°C
• Storage Temperatures	-40°C to +125°C
• Protection class	1P67
• Chemical resistance	ISO 16750-5
• In compliance with	Marine standard IACS E10
• Electromagnetic compatibility	IEC 61000-4-2:2008
• Weight (converter)	60g
• Mating connector	DT04 Serie

