

IQSBlock J1939 Temp Sensor Module

Converts up to 6 RTD inputs into hexadecimal values and transmits them to the J1939 CAN bus



Key Features

- -40° C to 210° C sensing range
- 1° C resolution
- 6 RTD inputs
- 12V or 24V operation
- Open and short circuit detection
- Meets MIL-STD-461F for EMI
- IP67 Rated
- Small footprint
- Simple 2-point mounting
- LED Status Indicators



Unit Connections

Connector	DT15-12PB (Black)
Mate Connector	DT06-12SB
Mate Contact	0462-201-16141
Mate Wedge Lock	W12S

Pin 1	+V	Pin 2	Ground
Pin 3	NC	Pin 4	NC
Pin 5	NC	Pin 6	NC
Pin 7	CAN L	Pin 8	CAN H
Pin 9	CAN Shield	Pin 10	NC
Pin 11	Address IN 1	Pin 12	Address IN 2

Connector	DT15-12PA (Grey)
Mate Connector	DT06-12SA
Mate Contact	0462-201-16141
Mate Wedge Lock	W12S

Pin 1	(+) RTD 1	Pin 2	(+) RTD 2
Pin 3	(+) RTD 3	Pin 4	(+) RTD 4
Pin 5	(+) RTD 5	Pin 6	(+) RTD 6
Pin 7	(-) RTD 1	Pin 8	(-) RTD 2
Pin 9	(-) RTD 3	Pin 10	(-) RTD 4
Pin 11	(-) RTD 5	Pin 12	(-) RTD 6

Electrical Specifications

Operating Voltage	8 - 32 VDC
Input Type	RTD
RTD Resistance	100Ω @ 0° F
Resolution	3.85Ω per ° F
Range	-50° to 500° F

Environmental Specifications

Storage Temperature	-40° to 85° C
Operating Temperature	-40° to 85° C
IP Rating	IP67
Weight	0.40 lbs.
Dimensions	3.1" W x 4" L x 0.7" H

Part Number

PN 100000801