MURPHY
by ENOVATION CONTROLS

SenderCAN™
SAE J1939 input/ouput module

Features

- Compatible with SAE J1939 CANbus engines
- Up to 4 sender/switch inputs
- Up to 2 gauge/control outputs
- OEM specified, factory set input/output scaling, PGN address and update rates
- Compact, sealed epoxy-filled case

SenderCAN™ is a compact, encapsulated input & output module for J1939 CANbus systems. SenderCAN allows the integration of analogue and digital measurement, control and indicating devices into modern CAN and ECU-based engines and systems.

SenderCAN has up to four inputs and two outputs, each of which is factory configured to OEM requirements. Inputs can be set for use with resistive sender or switch signals, which are translated into J1939 CANbus messages with appropriate PGN address, data scaling and transmission rate. Outputs can be configured to drive gauges, lamps, relays or other control devices, based on received J1939 data.

Standard versions are available for use with common senders (e.g. FuelCAN model FLC300 for fuel level senders), but SenderCAN is primarily intended for OEM-specified input, output and CANbus requirements. Please note that minimum order quantities or charges apply for custom solutions.

SenderCAN is compact and light enough for inclusion in many wiring harnesses, but can also be surface mounted via four fixing holes. The case is fully sealed in epoxy resin for high impact and environmental resistance.

Specifications

Power supply
Operating voltage: 7 to 35 VDC
Current consumption: 25mA (typ.)

Input/Output
Input range: OEM/application specific, –2 to +35 VDC max.
Output: OEM/application specific, 250mA max.
CANbus:
SAE J1939 protocol, optional 120 Ohm terminating resistor

Physical
Case material: high impact ABS, epoxy filled
Dimensions: see diagram below
Weight: approx 60 g / 0.13 lb
Operating temperature: –20 to +85 °C / –4 to +185 °F
Environmental sealing: IP65 case, exposed lead ends
Electromagnetic compatibility: 2004/108/EC

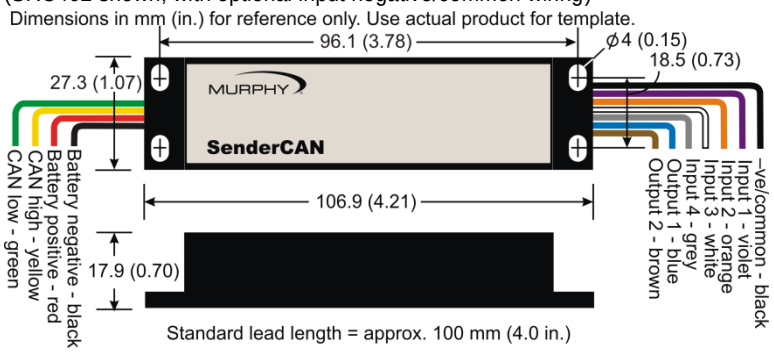
How to order

Model code: **SRC_0_-**

- Number of inputs: **1, 2, 3 or 4**
- Number of outputs: **1 or 2**
- Code for input, output & J1939 specification. Please contact your Murphy representative to discuss requirements.

Connection & Dimensions

(SRC402 shown, with optional input negative/common wiring)



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