

SenderCAN™

SAE J1939 input/output module



Description

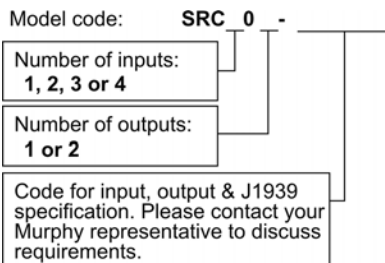
SenderCAN™ is a compact, encapsulated input & output module for SAE J1939 CANbus systems. SenderCAN allows the integration of analogue and digital measurement, control and indicating devices into modern CAN and ECU-based engines and systems.

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.

How to order

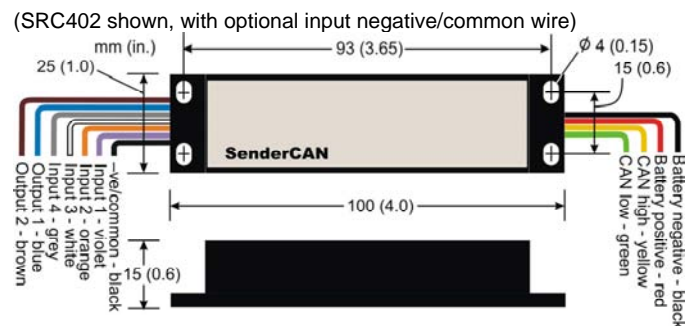


- Compatible with SAE J1939 CANbus engines
- Up to 4 sender/switch inputs
- Up to 2 gauge/control outputs
- OEM-specified, factory-set input/output scaling, PGN address and update rates
- Compact, epoxy-filled case

Product specification

power supply	
operating voltage	7 to 35 VDC
current consumption	25 mA (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
case dimensions (l x w x h)	100 x 25 x 15 mm / 4.0 x 1.0 x 0.6 in.
weight	approx. 60g / 0.13 lb
operating temperature	-20°C to +85°C / -4°F to +185°F
environmental sealing	IP65 case, exposed lead ends
electromagnetic compatibility	2004/108/EC

Connection & dimensions



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