



# C-COM 2A, 3A

## CAN-Communicator 2-inch, 3-inch Analog Gauges



### Features

- ◆ Direct J1939 CAN communication
- ◆ Heavy duty stepper motor drive (high G force)
- ◆ Backlighting controllable with either CAN bus or PWM input
- ◆ Sealed to IP67 specifications front and rear
- ◆ Integral warning light in each gauge
- ◆ Gauge mounting – screw-on clamp
- ◆ 9 to 32 volt operation
- ◆ Multi-option input for backlighting, resistive or analog
- ◆ Lens can be flat or domed

### Applications

- ◆ Heavy trucks
- ◆ Buses, coaches and recreational vehicles
- ◆ Military vehicles
- ◆ Forklifts, wheel loaders, and skid steers
- ◆ Cranes, road-building, and construction equipment
- ◆ Earth-moving, and mining vehicles
- ◆ Utility and emergency vehicles
- ◆ Farm and agricultural vehicles
- ◆ Stationary engine instrumentation

**AMETEK VIS'** C-COM 2A and 3A gauges are included in the CAN-Communicator family of products. These rugged and versatile gauges are part of a modular system that can satisfy the instrumentation requirements for all vehicle platforms.

The C-COM 2A and 3A can be used independently as direct read J1939 CAN gauges, or as part of the C-COM Advanced Instrumentation system.

The gauges are sealed to IP67 specifications both front and rear. C-COM 2A and 3A operate from 9 to 32 volts DC and include a multi-option input that can be used for backlighting, or as a resistive or analog input.

Designed to withstand harsh conditions typical of off-road environments, the 2A and 3A gauges meet all SAE J1455 and J1113 requirements for vehicular instrumentation.

**AMETEK**<sup>®</sup>  
VEHICULAR INSTRUMENTATION SYSTEMS

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## Specifications

### Physical Characteristics

Physical Characteristics

Housing material – white polycarbonate ABS plastic

Connectors – single Deutsch DT06, polarized and locking

### Environmental Characteristics

Temperature, humidity, shock, vibration, and salt spray – meets or exceeds SAE # J1455-1994-08

Operational Temperature – -40C to +85C

### Electrical Characteristics

Operating limits – 9 to 32 VDC, reverse polarity protected

Transient protection – meets or exceeds

SAE #J1455-1994-08

### Electrical Inputs

Battery/ignition – 9 to 32 volts

Operating current – 250mA maximum

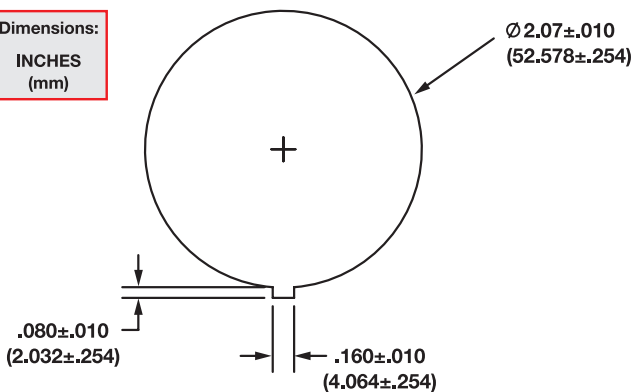
Backlighting – variable through dashlight dimmer control, or J1939 CAN message

Inputs – 1; configurable for backlighting, resistive or analog inputs

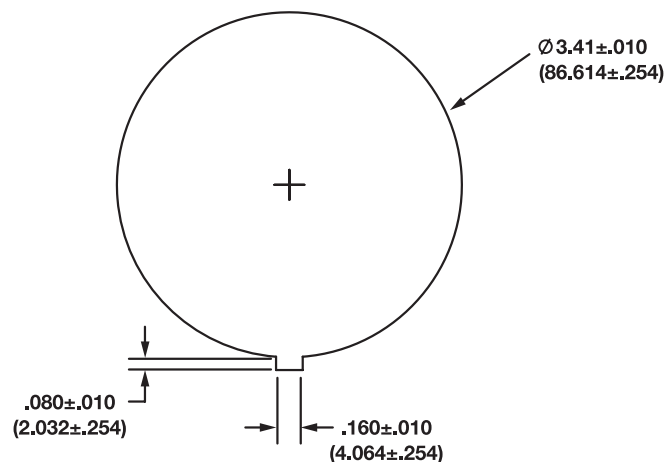
Data bus – 1 SAE J1939 CAN

### 2A Panel Cut-Out

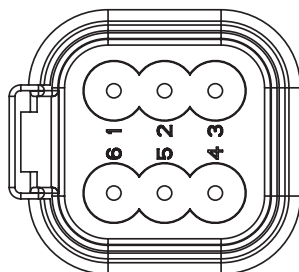
Dimensions:  
INCHES  
(mm)



### 3A Panel Cut-Out



### 2A and 3A Electrical Connections



PIN	SIGNAL
1	Power (Ignition)
2	GND
3	Multi Source Input/Backlighting
4	J1939(+)
5	J1939(-)
6	Unused

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