**C-COM 2G CAN-Communicator**

AMETEK VIS C-COM 2G CAN-Communicator provides the advantages of a graphic display in a compact, 2-inch gauge form-factor. This rugged and versatile gauge can be used exclusively or as a complement to any existing instrumentation simply by connecting it to an SAE J1939 (CAN) data bus. The gauge can display data and diagnostics, both active and stored, directly from the vehicle data bus as text and/or graphics as specified by the customer.

The backlit liquid crystal (LC) display is 106 pixels wide and 56 pixels high, providing clear, legible graphics; a dead-fronted warning indicator is positioned above the graphic display window. Three backlit switches with tactile feedback provide a user interface. Backlighting can be red, green, blue, amber, or white. The warning indicator can be red, amber or green.

The gauge is sealed to IP67 specifications both front and rear. The gauge operates from 9 to 32 volts DC and includes a switch-to-ground output that can be used to control an external annunciator, relay, or other device. An optional analog input is available for increased flexibility. Designed to withstand harsh conditions typical of off-road environments, the 2-inch display gauge meets all SAE J1455 and J1113 requirements for vehicular instrumentation.

**Features**
- 106 X 56 pixel graphic LC display
- 3-button user interface
- Dead-fronted LED warning indicator (red, amber or green)
- Sealed to IP67 specifications, front and rear
- 9 to 32-volt operation
- J1939 (CAN) data bus input
- Switch-to-ground, 500-mA output
- Optional analog input
- Backlit LC display and switches
- Variable backlight control
- Data stored in non-volatile memory
- RoHS compliant

**Applications**
- Heavy trucks, buses, coaches, and recreational 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
Specifications

Physical Characteristics
Housing and bezel material – chrome or black polycarbonate ABS plastic
Connector – single Deutsch DT06, polarized and locking

Environmental Characteristics
Temperature, humidity, shock, vibration, and salt spray – meets or exceeds SAE #J1455-1994-08
Operational temperature – -30°C to +85°C
Storage temperature – -40°C to +85°C

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
Input current – 500 mA

Backlighting – variable through dashlight dimmer control or fixed
Data bus – SAE J1939 (CAN)

Display Characteristics
Type – positive mode, transflective, LCD dot matrix, FSTN
Aperture size (inches) – 1.21W x 0.64H
Pixel dimensions – 106 pixels wide, 56 pixels high
Viewing angle – 12:00
Backlight color – customer-defined
Displays
Anything available on the J1939 data bus, either raw or translated to customer specifications.
These may include telltales, meters, diagnostics, symbols, and diagnostic messages.