Dawn of a New Gauge

DDBI 500

J1939 Direct Databus Instruments

These J1939 gauges can be connected directly to the vehicles bus network - no instrument controller or gateway device required. DDBI's electronics architecture enables a standalone solution.

New DDBI gauges have been updated to handle the increased J1939 baud rate of 500kbit/s. They are capable of detecting the baud rate of the machine and adjusting their own baud rate accordingly.

Operating voltage now covers both 12V and 24V systems. New white LED lighting for enhanced visibility. Dual color warning indicator on 2-1/16" gauges allows for 2 warning levels. 3-3/8" gauges have a new larger LCD with more functionality. User settable service meter and option for a trip switch on the front of the gauge.

NEW FEATURES:

Auto baud rate detection for backwards compatibility

White LED backlighting

CE Certified

RoHS Compliant

NEW FOR 2-1/16" GAUGES

Dual color indicator for high/ low warning or DM1 message

NEW FOR 3-3/8" GAUGES

New larger dor-matrix LCD

Integrated settable service meter

DATCON

THE PRECISE MEASURE OF PERFORMANCE

INFO@MAXIMATECC.COM | 800-676-1837 | WWW.MAXIMATECC.COM

NEW

DDBI 500

J1939 Direct Databus Instruments

SIZES: Gauges - 2-1/16" (52mm) diameter
Tachometers/Speedometers - 3-3/8" (86mm) diameter

MOVEMENT: Stepper motor

CASE: High-impact PBT, reinforced

DIAL: White-on-black graphics

POINTER: Orange with black hub; lighted

BEZELS: SAE step type and low profile type; black or polished stainless steel

LENS: Hard coated, anti-fog

FEATURES:

Auto baud rate detection for backwards compatibility

9-32V operating voltage

English or Metric units

White LED backlighting

Reliable and accurate stepper motors

Reinforced case w/ integral connector

Fully sealed for all-weather use

CE Certified

RoHS Compliant

2-1/16" SPECIFIC:

Dual Color Indicator for high/low warning or DM1 message

Matching analog gauges for non-J1939 signals

3-3/8" SPECIFIC:

132 x 64 Dot Matrix LCD

J1939 Fault Code support

Analog inputs for Fuel Level and Brake Pressure

Integrated settable service meter

Optional through lens trip switch

PERFORMANCE:

ENVIROMENTAL:

-40°C to 85°C

IP 67 Sealing

Exceeds SAE standards for vibration and salt spray

ELECTRICAL:

9-32V operating voltage

Reverse polarity and transien protection including load-dump, over-voltage, and ESD

STANDARD GAUGES

Contact Maximatecc sales for customization

2-1/16"

Fuel Level	Manifold Pressure	Engine Oil Temperature
DEF Level	Front or Rear Brake Pressure	Transmission Oil Temperature
Voltmeter	Transmission Oil Pressure	Hydraulic Oil Temperature
Engine Oil Pressure	Engine Coolant Temperature	Tachometer

3-3/8"

Speedometer/Odometer

Tachometer

Tachometer/Hourmeter

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