



NEW DIRECT DATA-BUS INSTRUMENT (DDBI™)! DEF GAUGE™ (DIESEL EXHAUST FLUID)



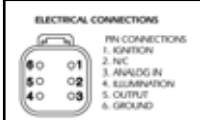
LED warning light



2 "trim" levels



Sealed connector



Easy wiring



Selective Catalytic Reduction (SCR) is a popular new method selected by OEMs to achieve emissions compliance in vehicles using Tier IV engines. SCR converts nitric oxides into harmless water and atmospheric nitrogen by inducing a chemical reaction that occurs when ammonium fluid (a.k.a. urea) is injected into the SCR tank. As such, the DEF gauge is needed to accurately measure this fluid level.



Color keyed



Lighted pointer



Stepper motor



Complete solution

DEF GAUGE™ IS IDEAL "GREEN" SOLUTION FOR SCR TANKS

Maxima's DEF Gauge™ measures diesel exhaust fluid level in the SCR tank, via J1939 inputs for PGN 65110—"After-treatment 1 SCR Reagent Tank 1 Information" and SPN 1761—"After-treatment 1 SCR Catalyst Tank Level". Units are derived from our patented Direct Data-Bus Instrument (DDBI™) line, offering a *direct connection* to the bus network (no instrument controller or gateway required). Two "trim" levels, for "managing" fluid levels, promote optimal, real-time operator awareness and response; available with or without color bands on the dial.

BOTTOM-LINE: MORE FEATURES & BENEFITS

- ✓ Direct connection to the J1939 bus network—no controller or gateway needed
- ✓ Stepper motor; lighted pointer; SAE step or low-profile bezel, flat or domed lens; color-keyed or basic white-on-black dial graphics; translucent lighting; 12 or 24 VDC; integral LED indicator & backlighting
- ✓ 2-trim levels—**DEF Low Level # 1**, descending threshold 2.5% of usable volume, solid red indicator activated, coincides with red band on dial (for version with color bands); ascending threshold 5% of usable volume, indicator off; yellow band caution only); **DEF Low Level # 2**, descending threshold 12.5% of usable volume, solid red indicator activated; ascending threshold 25% of usable volume, indicator off)
- ✓ Fully sealed, front/back, with anti-fog capability; sealed integral 6-pin Deutsch connector
- ✓ EMC compliant—typical OEM levels; radiated immunity at least 55 V/m

WIDE RANGE OF APPLICATIONS

Any vehicle using a Tier IV engine with SCR system.

STANDARD PRODUCT!

