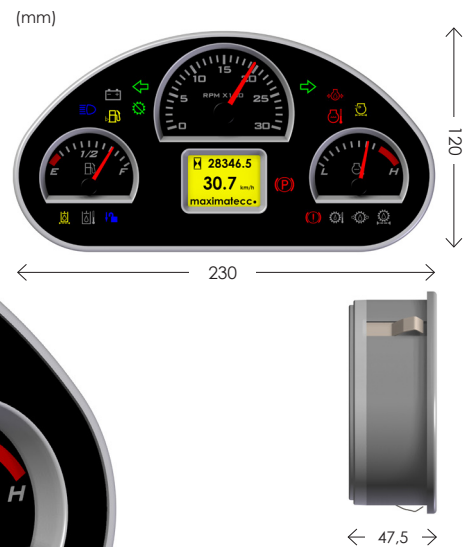


World Compattino™

Self-contained compact instrument cluster



World Compattino™ is a compact, front-sealed instrument cluster that replaces conventional gauge panel assemblies. Optimizing performance, visibility, reliability and all-weather durability, it's a rugged, cost-effective solution for a range of severe-duty applications.

There are 2 models: Base, in an analog format, and Deluxe in CAN-bus. Units feature stepper motors, LED lighting and LCD or dot-matrix displays for improved reliability and user functionality.

Turn for technical specifications »

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General specifications

DISPLAY	
TYPE	LCD hourmeter with 6 digits, TFT with LED backlight
INDICATORS	19 LED status indicators; red, amber, green, blue
ILLUMINATION	400 cd/m2 LED backlighting
INPUTS/OUTPUTS	
FUEL GAUGE	Input based on resistive type sender with ohms resistance 240-33.5Ω or Maxima IntelliSensor® fuel sensor using 1-4V input
TEMPERATURE GAUGE	Based on resistive input
TACHOMETER	Input via magnetic pick-up or alternator connected
INDICATORS	All 12 indicators STG or STB (ref. pins 6-17)
LIGHTING	Controlled via pin 16 (positive power supply)
GROUND	1 ground (pin 1)
POWER	
VOLTAGE	12V nominal, 9-16V range; 24V optional
ELECTRICAL PROTECTION	Reverse polarity, transients including load-dump, over-voltage, and ESD
CURRENT	Standby current draw <7 mA
ENVIRONMENT	
IP CLASS	Front IP 67 / Rear IP 66
TEMPERATURE RANGE (°C)	-40°C to +85°C (operating / storage)
EMC CONFORMITY	ISO 17366
SAE COMPLIANT	Moisture, shock & vibration resistant
ENCLOSURE	
HOUSING	UV-resistant PC overlay
CONNECTORS	26-pin Amp connector
MOUNTING	Panel installation via 4 tabs
SIZE AND WEIGHT	
W x H x D (mm)	230 x 120 x 47.5
WEIGHT (kg/lbs)	0.44/0.96

PIN ASSIGNMENTS

Connector is lead-free & RoHS compliant

PIN #	TYPE/FUNCTION
1	STB/STG (Config_IN3)
2	STB/STG (Config_IN4)
3	STB/STG (Config_IN5)
4	STB/STG (Config_IN6)
5	STB/STG (Config_IN7)
6	STB/STG (Config_IN8)
7	STB/STG (Config_IN9)
8	STB/STG (Config_IN10)
9	STB/STG (Config_IN11)
10	STB/STG (Config_IN1)
11	Power Input (Battery +)
12	STB/STG (Config_IN2)
13	Ground (Ground)
14	HS/LS Driver (S.O)
15	CAN High(Config_IN14_C-)
16	CAN Low (Config_IN13_C+)
17	Frequency (Freq_Input)
18	Analog-Res. (Analog_IN1)
19	Analog-Res. (Analog_IN2)
20	Analog-Res. (Analog_IN3)
21	STG (STG1)
22	STG (STG2)
23	STG (STG3)
24	STG (STG4)
25	STB/Power (Ignition)
26	STB/STG/Status Indicator (Config_IN2)

LEGEND: "STB" = switch-to-battery, "STG" = switch-to-ground, "HS" = high side, "LS" = low side, "S.O." = switched output, "RES" = resistive type input.

CUSTOMIZATION OPTIONS

Customization is possible, e.g. overlay and dials colors and graphics, LED configurations, electrical matches & tachometer inputs. Deluxe CAN model includes a dotmatrix display, but the single-line LCD can be used for this model too. maximatecc can provide fuel, temperature and pressure senders, as well as speed sensors to ensure a "matched" system.

maximatecc

AN ACTUANT COMPANY

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