

PREMIUM COMPATTINO 2.0

3 - GAUGE INSTRUMENT CLUSTER CAN / SAE J1939

Features:

- Gauges: 3x stepper motor driven electronic gauges, easily customizable
- 18x LED indicators with deadfront black customizable overlay
- Operating Temperature: -30°C to 85°C
- Display: 2.7", 128 X 64 yellow PM-OLED display with negative image for CAN data or Analog input
- 4x backlit menu navigation buttons
- Boot loader software for customization
- Sealing IP67 (Front), IP65 (Rear)
- CAN Protocol: SAE J1939, 250 kbps/500kbps (Auto)



Compattino **PRODUCT SPECIFICATIONS**

Display	
Type	2.7" PM-OLED, 128 x 64 Yellow on Black graphics/text
Indicators	18 LED status indicators
Illumination	Lighted Pointers, LED Backlightings

Inputs / Outputs	
Gauges	3 X Resistive or voltage output senders or CAN data
Tachometer	Input via MPU, Alternator, or CAN
Indicators	All indicators are configurable based on digital/analog input or CAN data
Back Lighting	Controlled from digital input or CAN data
Switched Outputs	2 low side switched outputs

Power	
Voltage	12V nominal
Electrical Protection	Reverse polarity, transients including load-dump, over-voltage and ESD
Current	Standby current draw <7 mA

Electrical Connection	
Digital Inputs	12x Digital Inputs (Active High or Low)
Frequency Inputs	2x Configurable Frequency or Digital Inputs (Active High or Low)
Analog Inputs	5x Configurable Analog Inputs
Outputs	2x Outputs, Configurable High or Low
CAN	1x CAN port (J1939 Protocol)

Environment	
IP Class	Front IP67, Rear moisture-/dust-resistant
Temperature Range(°c)	-30°C to +85°C (operating), -40°C to +85°C (storage)
EMC Conformity	ISO 13766 (radiated emissions) SAE J1113-21 (radiated immunity)
SAE Complaint	Vibration, UV, salt spray

Enclosure	
Housing	UV-resistant PC/ABS
Mounting	Panel installation

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