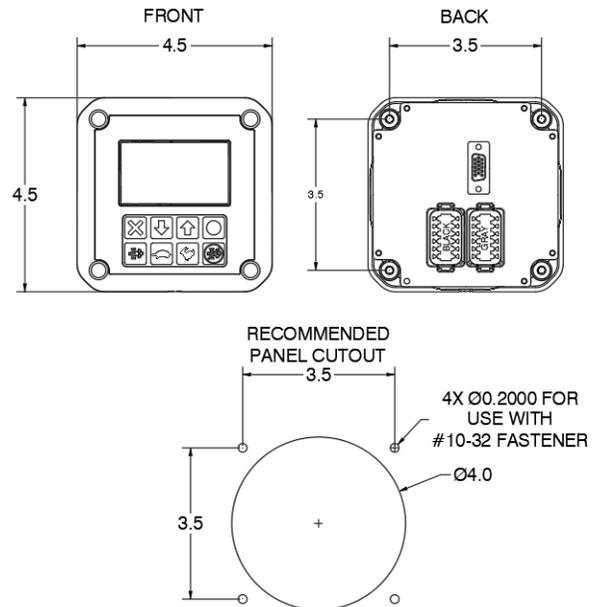


Display Gauge - Nexis Elite

Model # LDCJ1939-8BT-AF

The Nexus J1939 controller was designed to provide a cost-effective solution for OEM applications. Whether controlling hydraulic valves, engine operations, or monitoring J1939 parameters, the LDC provides substantial I/O and a multifunction display, allowing ultimate flexibility to fit any application.



Applications

- Complete Machine Control
- J1939 Engine Traffic Monitor
- Hydraulic Control Operation
- Tier 4 Final Engine Control

GENERAL SPECIFICATIONS	
Weight	8 oz.
Operating Temp.	-40°-170°F (-40°-76°C)
Ingress Protection	IP 67
Voltage Supply	9-32 VDC
Current Consumption	Outputs OFF – 50mA (12 VDC) 30mA (24 VDC)
CAN Protocol	SAE J1939

USER INTERFACE	
Display	400x240 pixel 2.83" Transflective Sunlight Readable
Backlight	Yes
LEDs	Customizable Red, Blue, Green, and Amber Warning and Shutdown indicators for J1939 Engine Faults
Keypad	8 Position Tactile IP67 Sealed, Rated to 100,000 Cycles
Connection	2 x 12 Pin Deutsch Connectors
Hot Keys	Throttle up/down, Def. Purge, Def. Inhibit

SPECIFICATIONS	
Voltage Inputs	
Number	Up to 16 (7 x Wide Band; 9 x Narrow)
Signal Range	Wide: 0-27 VDC, Narrow: 0-10 VDC
Max Voltage	32 VDC
Resolution	Wide: 6.7 mV/bit, Narrow: 2.44 mV/bit
Frequency Inputs	
Number	2
Frequency Range	2-20,000 Hz
Min. Signal Voltage	2 VAC
Resistive Inputs	
Number	1
Signal Range	0-1,000 Ω

OTHER SPECIFICATIONS	
PWM	
Number	Up to 6
Type	High Side Switching (Hydraulic Solenoids, Horns, Lights, Relays, etc)
Max Load	3.5 Amps continuous per output
PWM Frequency	31-500 Hz
Duty Cycle Resolution	0.10%
Protection	Over Load Shutdown & Open Load Detection
Relay Output	
Number	1
Type	Low Side
Max Load	500 mA

