VEETHREE ELECTRONICS

NEW PRODUCT LAUNCH

5"

Quantum Multifunction



Key Features:

- Cutting edge stepper motor technology for greater accuracy and reliability
- LED RGB backlighting provides excellent night visibility
- LCD hour meter, voltmeter, warning messages and if available, water pressure and depth.
- NMEA2000® CAN bus, analog tachometer, analog trim, analog fuel, and analog water pressure input options
- Fog resistant glass lenses and polished stainless steel bezel
- Internal GPS receiver for Speedometer and compass directions on LCD
- Warning Light
- Available for most outboards
- Bold, easy to read graphics
- Custom dial and bezel options available
- Backlight intensity control

5" MULTIFUNCTIONAL PLUG-N-PLAY BACKLIT GAUGE

In developing a custom series of gauges, our engineers started with a clean slate to create a dial that brings technology and function together in a 5" package at a competitive price.

Internal GPS chip allows users to eliminate an external receiver. We did not limit ourselves to creating a great looking gauge, we incorporated advanced stepper technology to ensure greater accuracy and utilized LED RGB lighting for enhanced night-time visibility and customized color configurations.

This custom series is available in plug-n-play design with integrated rear connectors for a clean, simple electrical connection, reducing the possibility of wiring error.

Dimensions:

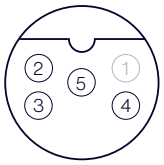
			Studs	Deutsch	Packard	
All Domed and Elite Profile Styles	A	B	C	C	C	D
5" Multifunction Gauge	4.85	4.33	2.88	2.88	2.88	0.84

A *- Bezel Diameter*
B *- Gauge Housing Diameter*
C *- Distance from Back Edge of Bezel to End of Longest Component*
D *- Bezel and Lens Combined Protrusion from Dash*

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Tachometer Pin descriptions

M12-5 Pin (Male)



Pin Number:

1: No connection
2: CAN – V+
3: CAN – V-
4: CAN – High
5: CAN – Low

DEUTSCH Pin



Pin Number:

1: Power (Ignition)
2: Backlight control 20% - 100% (0 - 12 V)*
3: Trim DN/UP Mercury
4: Trim DN/UP Yamaha
5: Trim DN/UP Suzuki
6: Connect to Speedometer pin 7**
7: Engine Speed (Analog)
8: Ground

Speedometer Pin descriptions

Pin Number:

1: No connection
2: CAN – V+
3: CAN – V-
4: CAN – High
5: CAN – Low

Pin Number:

1: Power (Ignition)
2: Backlight control 20% - 100% (0 - 12 V)*
3: Fuel E-F 240-33 Ohms
4: Fuel E-F 10-180 Ohms
5: Water Pressure 0.5V - 4.5V (0 PSI - 30 PSI)
6: Spare
7: Connect to Tachometer pin 6**
8 Ground

***Backlight Note:** Optionally pin 2 can be not connected for 20% intensity level or connected to pin 1 for 100% intensity level.

****Note:** Tachometer and speedometer needs to be connected together for proper inter-gauge communication.

5" Tachometer

1	**LCD Multifunction Display** **a.** Hour meter (displayed at power up) **b.** Voltmeter **c.** NMEA2000® warnings, depth, water pressure, low fuel warning, and GPS receiver status d. Compass directions
2	Trim gauge (NMEA2000® or Analog input)
3	Warning light that will indicate a NMEA 2000 warning condition (RED) and a low fuel warning condition (YELLOW).
4	Five position switch representing analog engine selections 2P/4C, 3P/6C, 4P/8C, 5P, and 6P
5	M12 Connector - NMEA2000® connection
6	**(3) Analog trim inputs: a.** Mercury / **b.** Yamaha / **c.** Suzuki

5" Speedometer

1	Internal GPS receiver
2	Fuel gauge (NMEA2000® or Analog input)
3	Temperature or Volt gauge
4	Six position switch to select backlight color (White, Red, Blue,Yellow, Purple, or Orange). **NOTE:** color selected for Speedometer will also be displayed on Tach
5	M12 Connector - NMEA2000® connection
6	**(1) Analog Water Pressure input** **a.** 0.5 V - 4.5 V (0 PSI - 30 PSI) **(2) Analog Fuel inputs** **a.** 240 – 33 ohms (Stewart Warner) **b.** 10 – 180 ohms (VDO)

Ordering Information	Size	Range	Connector Type
Tachometer / Trim / LCD Hour Meter / Voltmeter / Warning Messages / Warning Light	**5"**	0-7000 RPM Dn-Up 0 - 99999.9 Hrs	Deutsch and DeviceNet
Speedometer / Fuel / Temperature or Voltage	**5"**	0-60 MPH E-F 20 - 240 F or 10 - 16 V	Deutsch and DeviceNet

Accessories

Eyebrow Bezel Kits	5” 69270K

Part numbers

782149SDFB	Tach 5in, Hour meter, Voltmeter, Trim, CAN, Quantum ELSS
782150SDFB	Speedo GPS 5in, Fuel, Water Temp, CAN, Quantum ELSS
782155SDFB	Speedo GPS 5in, Fuel, Voltmeter, CAN, Quantum ELSS

Dimensions

