Variable Freq. Alt. Tachometer

Product Description

2-Inch Variable Frequency Alternator tachometer connects to the Alternator signal. The tachometer has four range selections for rough calibration and an adjustment potentiometer for fine adjustment.

The use of DIP switches on the back of this tachometer allows a rough calibration selection for the desired frequency.

This tachometer can be used in 24 VDC systems with the use of an adaptor that connects between the 24 VDC ignition system and the tachometer.

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Made in the USA

Specifications

Environmental Specifications

Shock (Non-operating):
50 +/- 2 G and a half sine duration of 11 +/- 2 ms.
per MIL-STD-202, Method 213

Vibration (Non-operating):
4 G peak, 10 to 200Hz SAE J1455 Appendix A

Temperature:
Operating, -20°C to 85˚C
Storage, -30°C to 85°C) 50% RH

Humidity:
95% Relative humidity @110°F (43°C) non-condensing

Salt Spray:
Meets or exceeds ASTM 117-73

Electrical Specifications

Reverse Polarity Protection:
Standard entire system

Load Dump:
Meets SAE J1113, 3 positive 80V transients
one minute intervals

Operating Voltage:
11-16VDC standard

Over Voltage:
18 VDC for 5 minutes with GY0065
adapter 36 VCD for 5 minutes

Mounting Hole:

2.0625" (53 mm)

Depth behind face plate:
3.266" (83 mm) min.

Mechanical

Bezel Material:
Stainless steel or aluminum
Finish, customer specified

White thermoplastic copolymer

Opaque characters & background

Pointer:
Contoured White

Lens:
Flat Glass

Operational:

Mounting Bracket:
Metal

Clamping Range:
0 - .8 in (0-20 mm)

Torque:
5 to 7 inch pounds (.57 - 80 Nm.)

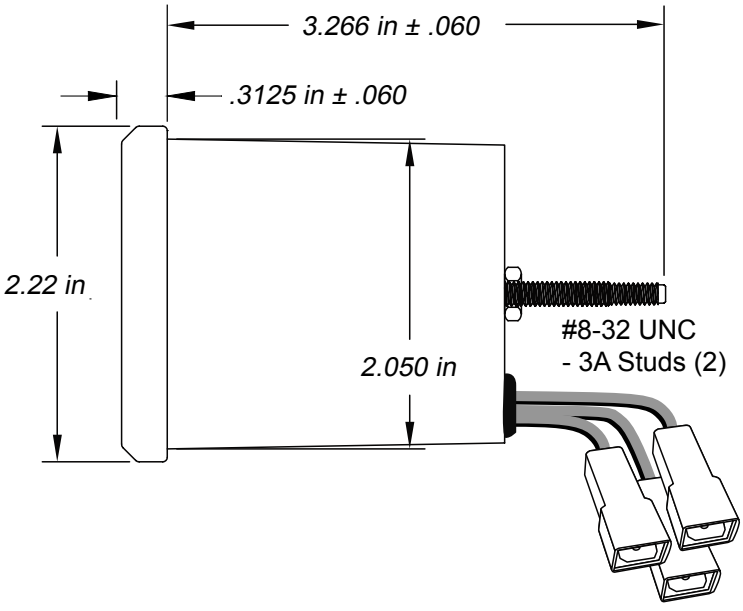
Signal Input:
Alternator / Magnetic Pick Up

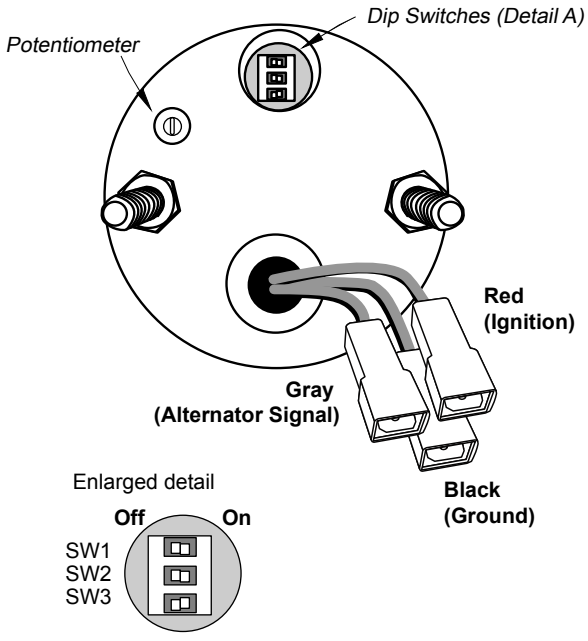
Min. Frequency:
400 Hz

Max. Frequency:
1600 Hz

Wire Termination
Blade Terminals

Dimensions





Rough Calibration Selection vs. Frequency

	400 Hz	800 Hz	1200 Hz	1600 Hz
SW1	OFF	ON	OFF	OFF
SW2	OFF	OFF	ON	OFF
SW3	OFF	OFF	OFF	ON