



# Programmable Tachometer with Hourmeter



This tachometer can be programmed to function with 1, 2, 4, 6 and 8 cylinder gasoline engines or with diesel engines, and can be used with most ignition coils including Alternator and Mag pickup inputs.

It is available in a wide range of scales or you can customize to fit your needs.

A versatile design from a leader in the engine monitoring industry, Faria Beede products are designed to give you years of service and worry free performance.

**General:**

Mounting Hole: 3.375" (85 mm)

Depth behind face plate: 3" (76 mm) min.

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 Made in the USA

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# Specifications

## Environmental Specifications

Shock (Non-operating):  
50G +/- 2G, and a half sine duration of 11 +/- 2 ms. per MIL-STD-202, Method 213  
Vibration (Non-operating):  
4 G peak, 10 to 2000Hz  
SAE J1455 Appendix A  
Temperature:  
Operating, -20°C - +85°C  
Storage, -40°C - +85°C  
Humidity:  
95% relative humidity @110°F (43°C) non-condensing  
Salt Spray:  
Front is Corrosion resistant per ASTM B117-73

## Electrical Specifications

Reverse Polarity Protection:  
The instrument can withstand reversed battery terminal polarity indefinitely without damage or permanent shift of calibration.  
Operating Voltage:  
13 to 15 VDC at 25° ± 3 ° C.  
Over Voltage:  
Withstands 18V continuously for one hour  
Extreme Variations:  
11.5 to 16 VDC at 25° ± 3° C.

## Calibration

Tachometer: accurate to within ±1% of full scale  
Engine Hour Meter 0-999999.9  
accurate to within ±1% of reading

## Cosmetic:

Dial: Black with White Graphics  
Customer Logo - available  
Pointer: Fire Orange - Back Lit with Black Hub  
Lens: Glass  
Bezel: Painted Aluminum  
Display: 7 Character LCD  
Back lighting: Diffused LED light for display.  
Graphics turn red when lit.

## Operational:

Mounting Bracket: Plastic  
Clamping Range: 0 - .8 in (0-20 mm)  
Torque: 5 to 7 inch pounds (.57 - 80 Nm.)  
Signal Input: Alternator / Magnetic Pick Up Input  
Min. Frequency: 1 PPR (33.33 Hz)  
Max. Frequency: 200 PPR (13,333 Hz)  
Wire Termination

## Product Outline Drawing

