

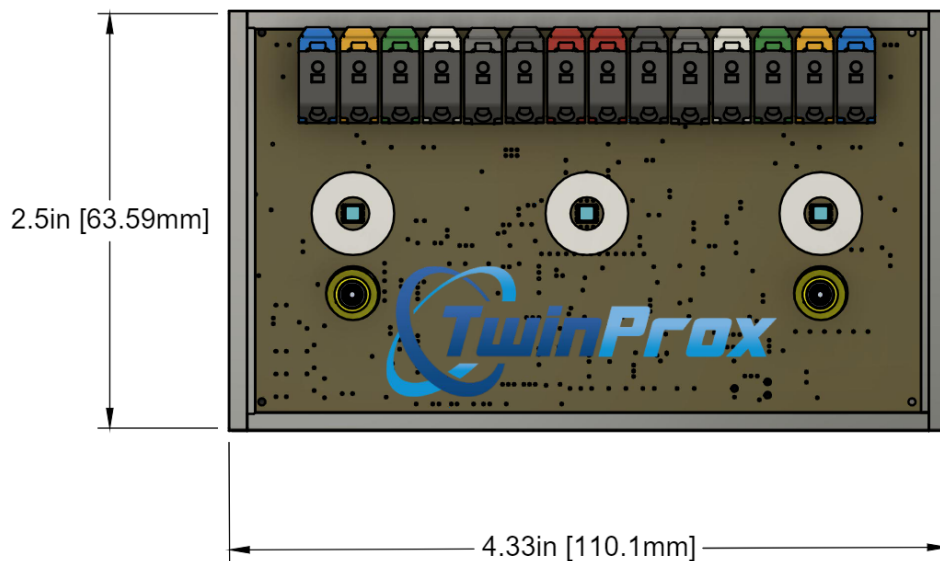
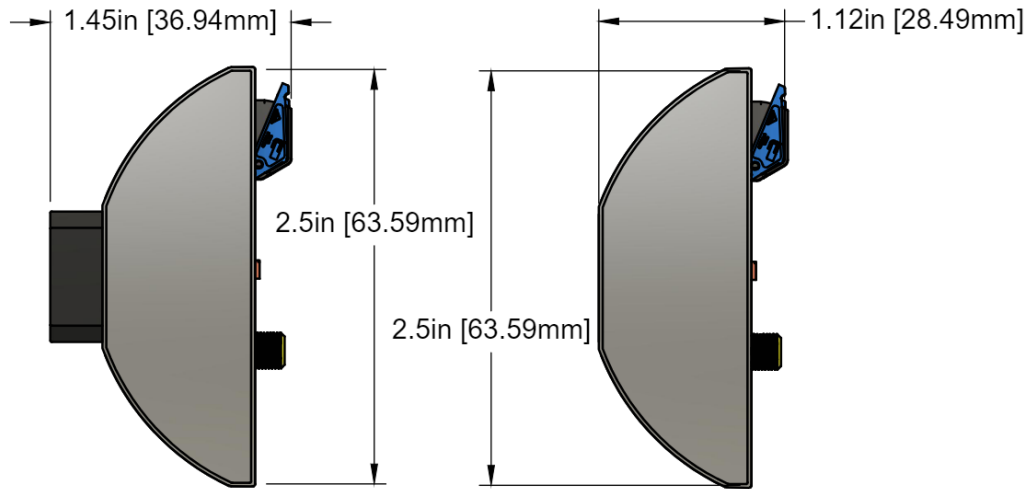
# Specifications and Dimensions

## Specifications

Power	+24VDC (7 to 36 Volts full range) @ 60mA (default)
Channels	2
Input	2 API670 style non-contact proximity probes
Output	Vibration displacement peak to peak (microns or mils) Axial thrust position distance (microns or mils) 360° phase reference (analysis) Speed (rpm or cpm or Hz)
Communication Protocol	Modbus RTU Baudrate: 115200 Parity: None Handshakes: None Data Bits: 8 Stop Bits: 1
Temperature Range	Standard: -40°F (-40°C) to +185°F (85°C)  High-Temperature Option: +212°F (+105°C) *Consult Factory for High Temperature Applications
Mounting Options	35mm DINrail Baseplate + Fastener
Display / Indicators	3 high intensity, multi-color LEDs (system and probe status)
Enclosure	PBT (Thermoplastic Polymer Blend)
Hazardous Area Approvals	CSA, cUL, IECEx, Class I Division 2 Groups A-D (pending) CE and RCM (pending)
Ranges	80 mils (2032 microns) 160 mils (4064 microns) 160 mils (4064 microns)

Compatible Probe Series	3300 8mm 3300 11mm (option) 3309 Focus View 5mm
System Lengths	1 meter 5 meter 7 meter (Focus View only) 9 meter * Consult factory for custom system lengths.
Target Materials	Standard: ASTM 4140  *Consult factory for other target materials
Accuracy	+/- 2% of full scale
Linearity	+/- 1 mil best straight-line fit
Resolution	0.0002" (5um)
Frequency Response	0 – 5,000Hz
A/D Sample Rate	16 bits
Speed Measurement Range	300,000 CPM
IP Rating	IP64
Humidity	99% condensing
Terminals	> 15 Newton hold force
Alarms	Low Low Low High High High
Programmable	TwinProx ship configured based on user preferences. All functions can be set using the user interface software.
Weight	4.8 ounces (136 grams)

# Dimensions



PROJECT  
TWINPROX\_DIGITAL\_OUTPUT

TITLE  
TWINPROX\_DIGITAL\_OUTPUT

APPROVED Leo Bach 5/11/2022

CHECKED Bryson Carroll 5/11/2022

DRAWN Luke Benjamin 5/11/2022

SIZE  
A

SCALE  
1:2

DWG NO

TWINPROX\_DIGITAL\_OUTPUT

REV  
1.01

**Figure 1: Dimensional Drawing**

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