



## FEATURES

- USB 2.0 Communication Link
- USB Bus-Powered (5V)
- Input/Output Short Circuit Protection
- Low Noise Analog Output Value of 12 mVp-p
- User Selectable Sampling Rates from 5 – 4800 SPS
- Software Selectable Excitation Voltages of 5 VDC and 10 VDC

## ACCESSORIES

- GOD04123: USB 2.0 Hi-Speed A/B Cable (Included)
- GOD00046: 6 Pin Bendix Mating Connector (Included)

**IMPORTANT NOTE: ONLY CONNECT DEVICE TO USB 2.0 PORT**

## SPECIFICATIONS

### GENERAL

Sampling Rate	Software Selectable (See Chart)
Bandwidth (Hz)	Sampling Rate (SPS) / 4
Internal Resolution	24 bits
Resolution (Noise Free)	See Chart
Gain Adjustment	Software Selectable
Offset Adjustment	Software Selectable
Integrated Shunt	Software Selectable
Integrated Pigtail Filter	50/60 Hz Rejection

CMRR 120 dB

Current Consumption (No Load) 250 mA

IP Rating IP20

### INPUT

Differential Input  $\pm 0.5 - \pm 4$  mV/V

Bridge Excitation Software Selectable 5 VDC/10 VDC

### OUTPUT

Analog Output Bandwidth 1 kHz

Digital Output Bandwidth Sampling Rate / 4

Bipolar Output Software Selectable  $\pm 5$  or  $\pm 10$  VDC

Analog Noise Output  $< 12$  mVp-p

ASCII Output Format 16 Character

Minimum Load Impedance 220000 Ohm

### CONNECTORS

Sensor Connector Bendix PT02A10-6P

Mating Connector Bendix PT06A-10-6S-SR

### ENVIRONMENT

Operating Temperature  $-13^{\circ}\text{F}$  to  $185^{\circ}\text{F}$  [ $-25^{\circ}\text{C}$  to  $85^{\circ}\text{C}$ ]

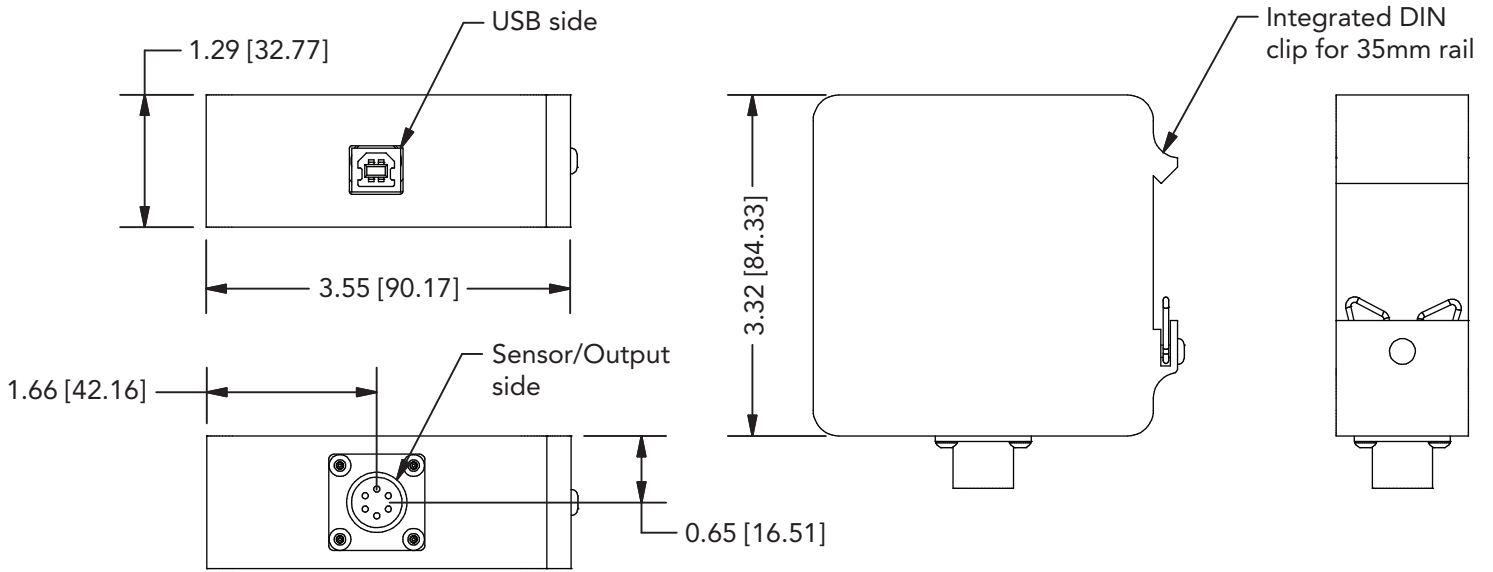
Storage Temperature  $-40^{\circ}\text{F}$  to  $257^{\circ}\text{F}$  [ $-40^{\circ}\text{C}$  to  $125^{\circ}\text{C}$ ]

### CONFORMITY

RoHS 2011/65/EU

CE EN61326-1:2013; EN55011:2009 (Amended by A1:2010)

**DIMENSIONS** inches [mm]



**LED INDICATORS**

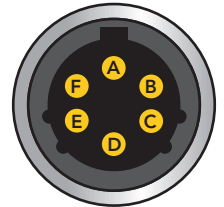
Blinking blue (10 Hz)	Module Auto-Calibration
Blinking blue (1 Hz)	Module Normal Operation
Green	USB Power
Red	USB Data Link

**SAMPLING RATE**

SAMPLES PER SECOND (SPS)	RESOLUTION (NOISE FREE BITS)
5	16.4
50	15.4
100	15.1
300	14.1
1200	13.4
2400	13.1
4800	12.1

**6-PIN BENDIX PT02E-10-6P**

PIN	COLOR	DESCRIPTION
A		+ Excitation
B		- Excitation
C		+ Signal
D		- Signal
E	Green	Voltage Output
F	Black	Ground/Shield



Drawing Number: F11366-F

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10 Thomas, Irvine, CA 92618 USA

Tel: (949) 465-0900  
Fax: (949) 465-0905

[www.futek.com](http://www.futek.com)



RoHS



U.S. Manufacturer