



## 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)

## 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

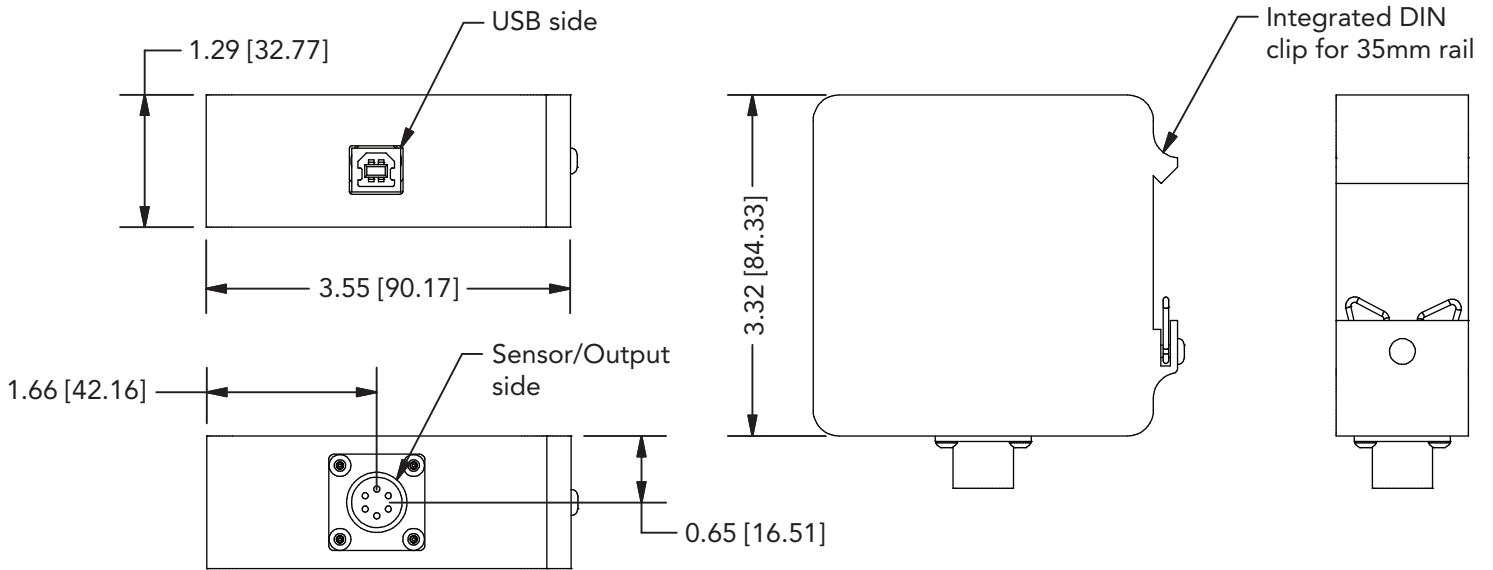
### ENVIRONMENT

Operating Temperature	-13°F to 185°F [-25°C to 85°C]
Storage Temperature	-40°F to 257°F [-40°C to 125°C]

### CONFORMITY

RoHS	2011/65/EU
CE	EN61326-1:2013; EN55011:2009 (Amended by A1:2010)

**DIMENSIONS** inches [mm]



**LED INDICATORS**

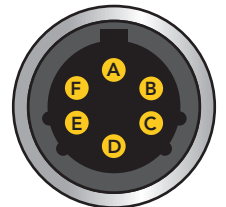
Blinking blue (10 Hz)	Module Auto-Calibration
Blinking blue (1 Hz)	Module Normal Operation
Green	USB Power
Red	USB Data Link

**SAMPLING RATE**

SAMPLES PER SECOND (SPS)	RESOLUTION (NOISE FREE BITS)
5	17
50	16
100	16
300	15.5
1200	15
2400	14
4800	13

**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: FI1366-D

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RoHS



U.S. Manufacturer