



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

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 ± 5 or ± 10 VDC
Analog Noise Output	< 12 mVp-p
ASCII Output Format	16 Character

CONNECTORS

Sensor Connector	Bendix PT02A10-6P
Mating Connector	Bendix PT06A-10-6S-SR

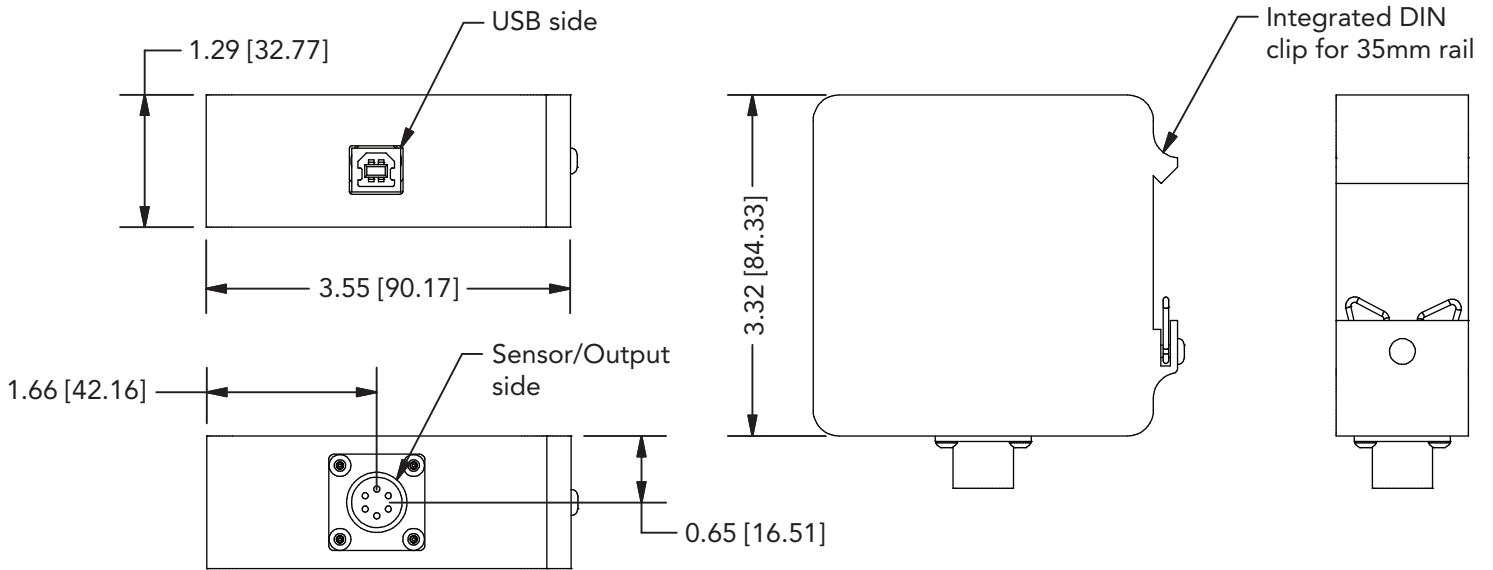
ENVIRONMENT

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

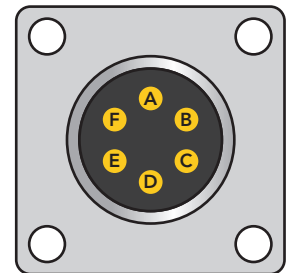
Blinking blue (10 Hz)	Module Auto-Calibration
Blinking blue (1 Hz)	Module Normal Operation
Green	USB Power
Red	USB Data Link

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 BOX-MOUNTED PT02E-10-6P

PIN	DESCRIPTION
A	+ Excitation
B	- Excitation
C	+ Signal
D	- Signal
E	Voltage Output
F	Ground



Drawing Number: FI1366-B

FUTEK reserves the right to modify its design and specifications without notice. Please visit <http://www.futek.com/salesterms> for complete terms and conditions.

10 Thomas, Irvine, CA 92618 USA

Tel: (949) 465-0900

Fax: (949) 465-0905

www.futek.com



RoHS



U.S. Manufacturer