

INTUSB485-LH Serial Adapter



Datasheet



- Connects a Windows PC USB port to an L-GAGE LH Series Sensor
- Supports baud rates up to 230,400 baud
- Converts USB to RS-485 (2-wire) with an M12 connector
- Supports the 32-bit and 64-bit (x86/x64) versions of XP, Vista, and Windows 7



WARNING:

- **Do not use this device for personnel protection**
- Using this device for personnel protection could result in serious injury or death.
- This device does not include the self-checking redundant circuitry necessary to allow its use in personnel safety applications. A device failure or malfunction can cause either an energized (on) or de-energized (off) output condition.

INTUSB485-LH Adapter

Model	Adapter	Length
INTUSB485-LH	RS-485 to USB	.75 meter

Cable/Connector Wiring

	Pin	Color	Description
	1	White	No Connect
	2	Brown	No Connect
	3	Shield	No Connect
	4	Yellow	RS-485 / D0 / A / -
	5	Gray	Ground of RS-485 bus
	6	Green	RS-485 / D1 / B / +
	7	Blue	No Connect
	8	Shield	No Connect

Specifications

Input Power

5 V DC from USB port

Current

Less than 25 mA at the PC

USB Connector

USB type A plug

USB Standard

2.0

Operating Parameters

-40 to +80° C
0-95% Non-condensing humidity

RS-485

2-wire

RS-485 Connector

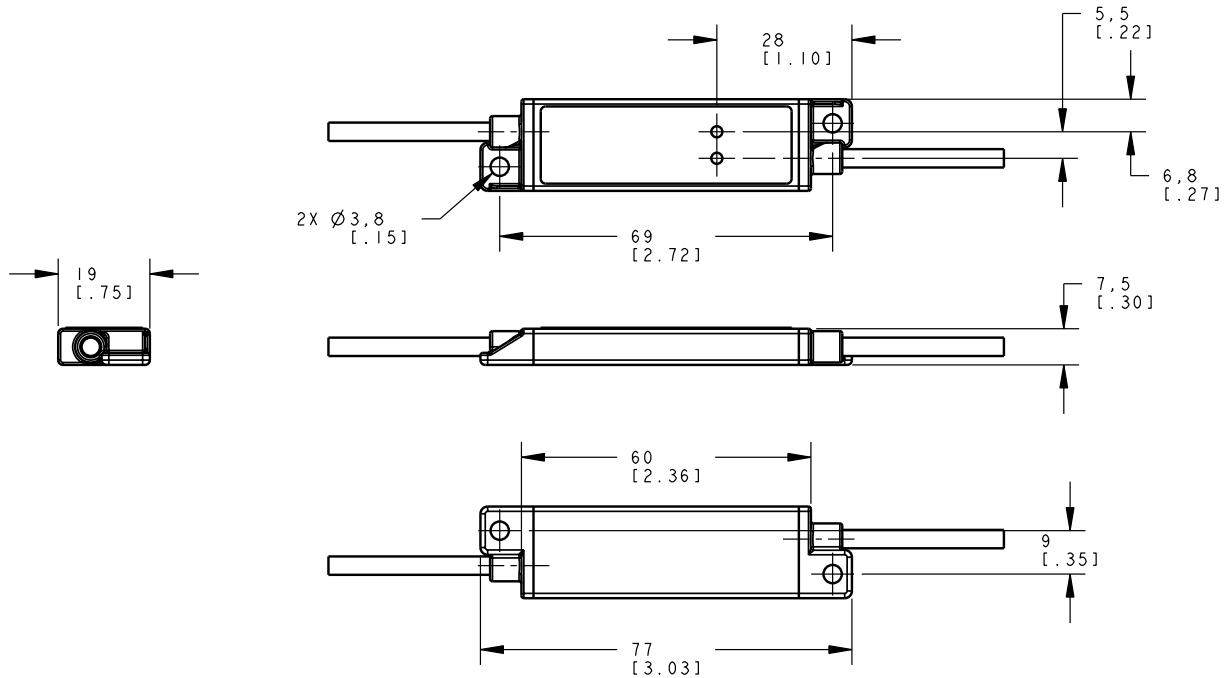
M12 connector



Note: The USB driver software (P/N 156440) is available on the Banner Engineering website (<http://www.bannerengineering.com>).



Dimensions



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