

# RS-232 Converter: Model INT-BBB-X232Q5



## Datasheet

Converter for Banner Bus communications to RS-232



Maintain high resolution distance measurements with digital export via RS-232



**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.

## Models

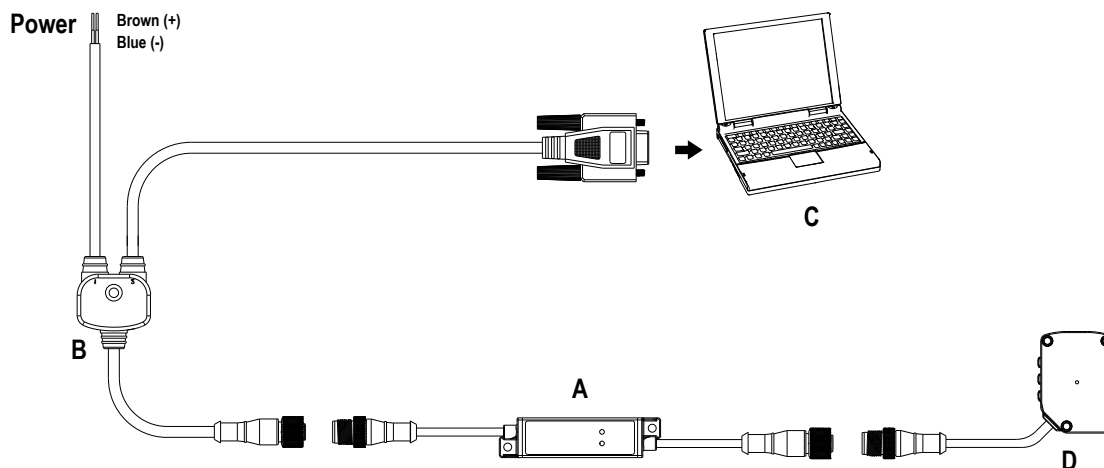
Model	Adaptor	Connection
INT-BBB-X232Q5	RS-232 to BANNER Bus	150 mm (6 in) PVC cable with a 5-pin M12/Euro-style quick disconnect

## Installation Options

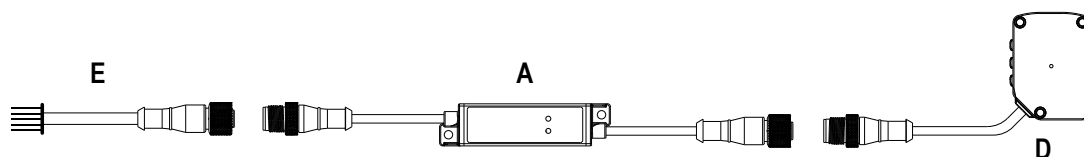
**Key**

- A = RS-232 Converter (INT-BBB-X232Q5)
- B = Splitter (CSB-M1241DB9)
- C = PC
- D = Banner LM Series Sensor with RS232
- E = Flying lead 5 pin MQDC-5xx cable

**Option One: Full Preview Capabilities Setup (Recommended)**



**Option Two: Cable with Flying Leads**



## Specifications

### Supply Voltage

10 V DC to 30 V DC

### Power and Current Consumption, exclusive of load

Normal Run Mode: 0.48 W, current consumption < 20 mA at 24 V DC

### Supply Protection Circuitry

Protected against reverse polarity and transient overvoltages

### RS-232 COM Port Settings

38400 Baud  
8 Data Bits  
1 Stop Bit  
No Parity

### Indicators

Two LED indicators:

Green = Power On

Amber = RS232 Communication Active

### Connections

150 mm (6 in) PVC cable with a 5-pin M12/Euro-style quick disconnect

### Communications

RS232 ASCII Communication to compatible Banner Pro-Series enabled devices

### Operating Conditions

-20 °C to +70 °C (-4 °F to +158 °F)

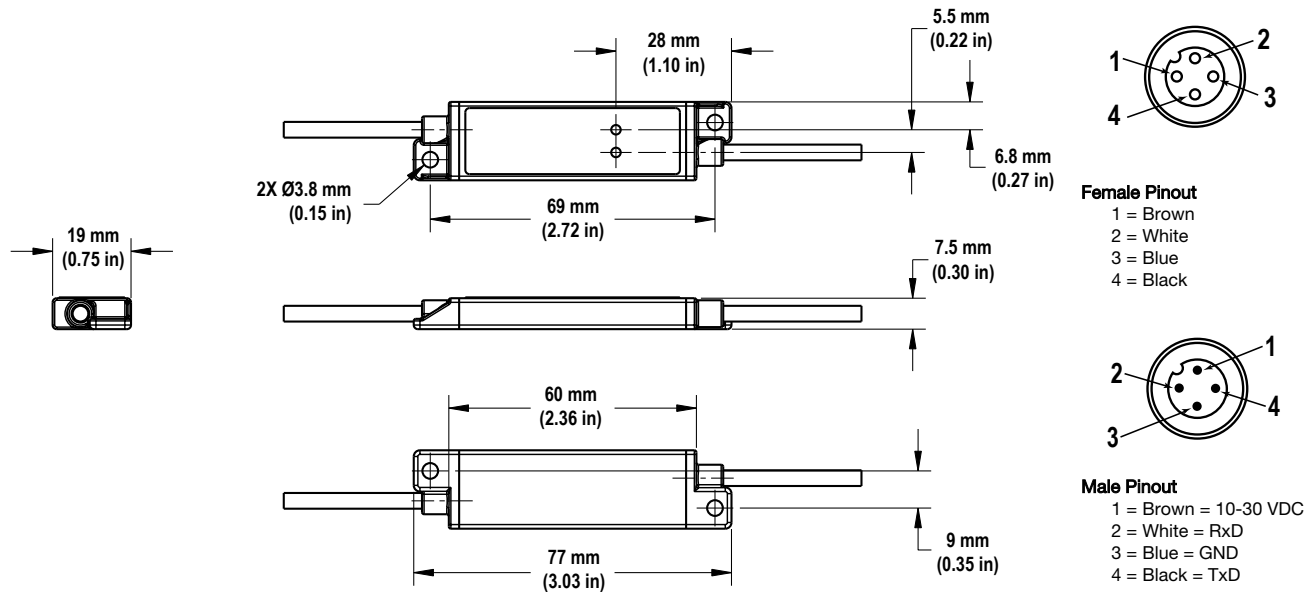
90% at +55 °C maximum relative humidity (non-condensing)

**Storage Temperature:** -40 °C to +120 °C (-40 °F to +248 °F)

For communications information, see p/n 219241 LM Serial Communications Guide available at [www.bannerengineering.com](http://www.bannerengineering.com).

## Dimensions

All measurements are listed in millimeters [inches], unless noted otherwise.



	Model Number	X (mm)	Y (mm)	Z (mm)
	INT-BBB-X232Q5	150	77	150

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