



Rethinking Sensing Technology

Displacement Sensor Integration with BeanDevice® AN-420

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Sensor Wiring code (1/2)

Caption :

PIN1 (Pwr+): Sensor power supply

PIN4 (SI): signal input

PIN2 : Not used, must be connected to **Gnd**

PIN3 (Gnd): Electrical Ground

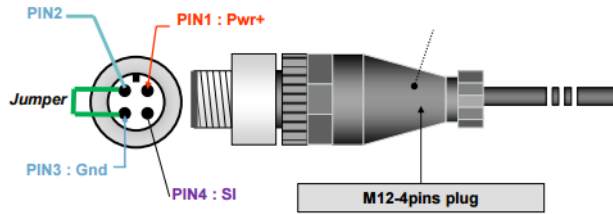
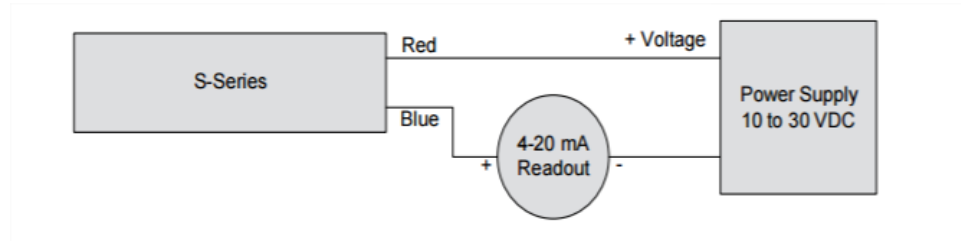


Figure 13: M12-4pins Plug Wiring code (sensor side)

Red wire must be connected to **PIN1**
Blue wire must be connected to **PIN4**



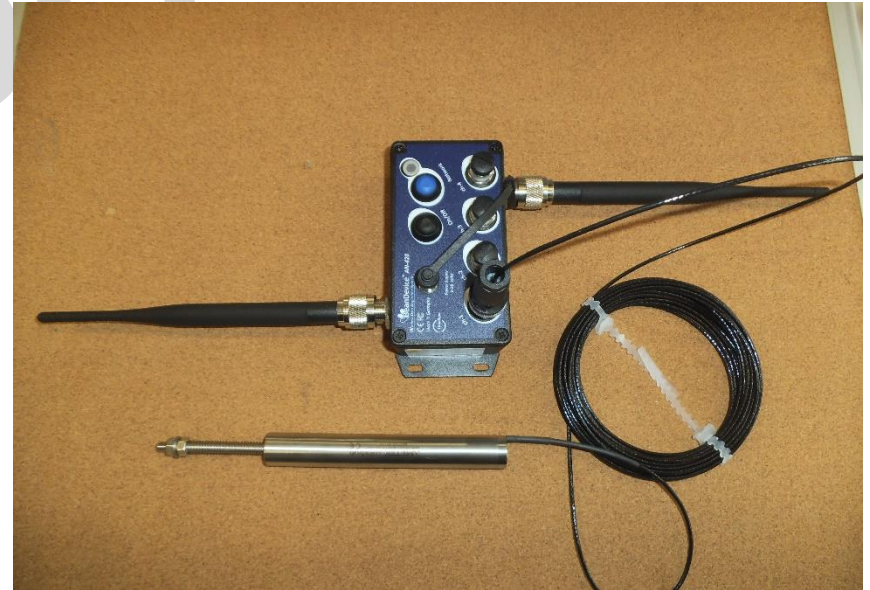
[For more info about the sensor wiring code :](http://www.wireless-iot.beanair.com/files/UM-RF-02-ENG-ProcessSensor-Wireless-DAQ.pdf)

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LVDT sensor integrated with M12-4Pins Plug



LVDT sensor mounted on the BeanDevice® AN-420



BeanAir *Sensor configuration from BeanScape® software*

Recommended Voltage : 12V
Sensor warm-up time : 40ms

Sensor profile

Custom display | Notes | Configuration | Measurement conditioning calibration | Log config.

General information

Type : Excitation : V ✓
 Ref : Pre-proc. : ms
 Label :
 Technology :
 State :

Sensor pre-processing time configuration

Period : ms
 H2 :
 L1 :
 L2 :

Excitation voltage configuration

Power : V

Measurement data

Value : Date :

Use the conversion Assistant:
4 mA => 20 mm (sensor probe fully out)
20 mA => 0 mm (sensor probe fully in)

Custom display | Notes | Configuration | Measurement conditioning calibration | Log config.

Ratio : Offset :
 Unit : Type :
 Ref : Label :

Measurement data

Value : Date :



Unit Conversion Assistant

Linear Conversion

	Input :	Output :
Value 1	<input type="text" value="4"/> mA	<input type="text" value="20"/> mm
Value 2	<input type="text" value="20"/> mA	<input type="text" value="0"/> mm

Target Unit :