BeanAir
Wireless Sensor Networks

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
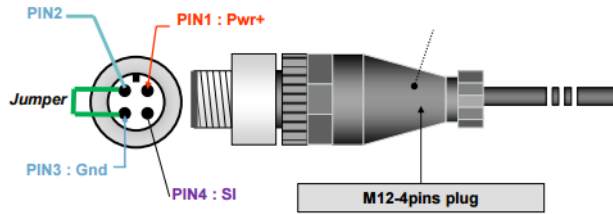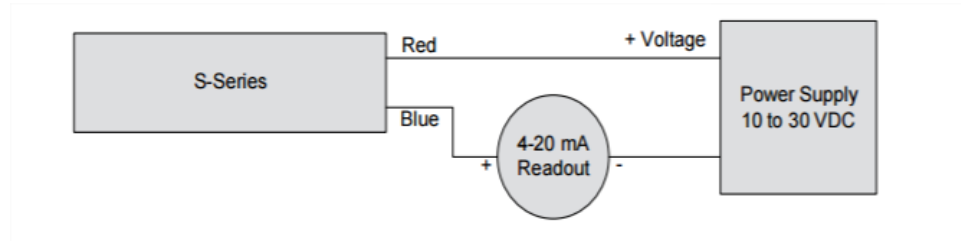
PIN3 (Gnd): Electrical Ground

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

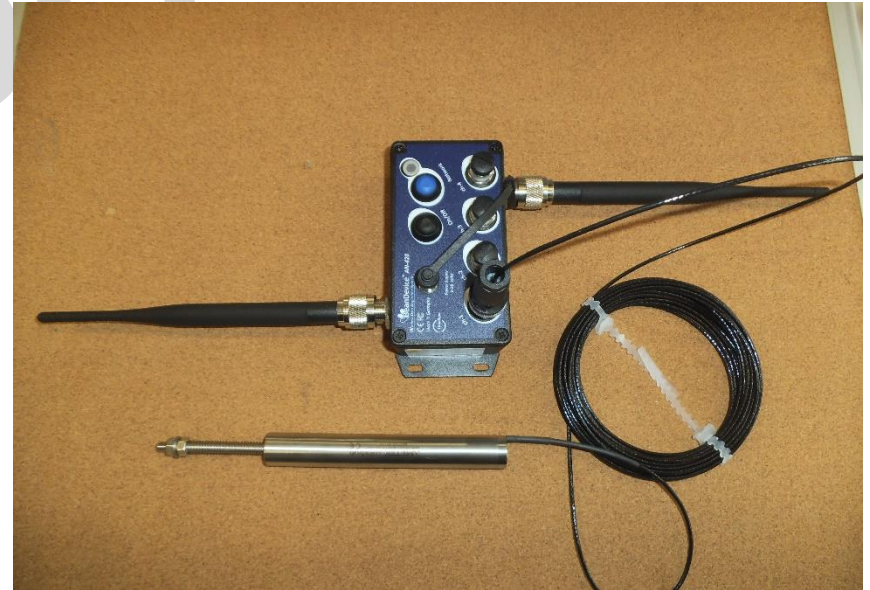*Red wire must be connected to PIN1*
Blue wire must be connected to PIN4

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

Sensor configuration from BeanScape® software

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

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