

BDR Sensor w/ Remote BD2 Electronics Wiring Diagrams

General Comments:

The red and black wires are used to supply power to the sensor. A regulated supply with a 10% tolerance is acceptable for this purpose. Power supply options are 5.0, 12.0 or 24.0 VDC. The orange wire is the sensor output which indicates the wet/dry condition of the sensor.

Electrical Connections:

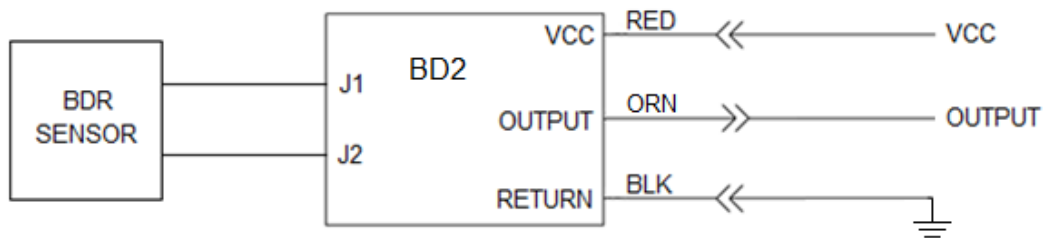
Red: Power Supply Input: As purchased configuration.

Black: Ground / Return

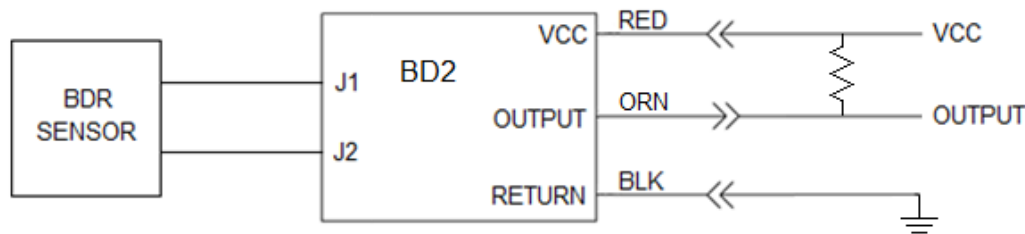
Orange: Output: See the 3 diagrams below for proper operation based on the selected option.

Note: To avoid damage do not connect the output directly to the supply input.

Output Option #1: CMOS Logic



Output Option #2: NPN Open Collector



Output Option #3: PNP Open Collector

