

Bin-Sense sensor lead grounding cables (item number BSLGC-104211) connect in-line to the link cables on a bin and provide an electrical grounding connection to the metal structure of a the bin. This helps prevent static electricity from building up within the Bin-Sense system and helps prevent interference from other nearby electrical sources.



WHEN TO USE

Sensor lead grounding link cables can be used with Bin-Sense Solo, Live, and Plus systems. Bin-Sense Direct installations should use a ground connector link cable (item number BGRD-104207) and not the sensor lead grounding cable (item number BSLGC-104211). Sensor lead grounding cables are specifically recommended in the following scenarios and locations:

- Bins with more than four sensing cables
- On the sensing cable interface of Remote units in Bin-Sense Plus systems
- Bins where there is more than 50ft of link cable between the Remote unit and a Bin-Sense Fan Controller
- On bins on commercial sites with powered grain handling equipment located near the Bin-Sense system

INSTALLATION NOTES

- Install sensor lead grounding cables as close as reasonable to the Master or Remote unit on the bin.
- If sensing cables are connected to more than one sensor link cable interface of a Master or Remote unit, each interface requires its own sensor lead grounding cable.
- Ensure the ground screw is installed on the main metal structure of the bin and not on an isolated area without an electrical path to ground.

INSTALLATION

1. At the Master or Remote unit, unplug the sensor link cable from the link cable coming from the sensing cables installed on the bin.
2. Connect the male end of the sensor lead grounding cable to the sensor link cable of the Master or Remote unit.
3. Connect the female end of the sensor lead grounding cable to the link cable coming from the cables and/or Fan Controllers installed on the bin.
4. Use an impact drill to install the included #10 self-tapping screw through the eyelet connector of the sensor lead ground cable and into the metal structure of the bin.
5. If available, use a multimeter in continuity mode to verify a ground connection between the Bin-Sense unit and the metal structure of the bin. Measure for continuity from the brass antenna connector of the Master or Remote unit, and the metal structure of the bin.

INSTALLATION DIAGRAM

