In The Box:

-Qty 1 Angle Sensor
-50' Cable (attached)
-Qty 2 3/8" x 3-1/4" Bolt
-Qty 4 Flat Washer
-Qty 2 Split Ring Washer
-Qty 2 3/8" Nuts

Tools Required:

-Drill with 7/16" Bit
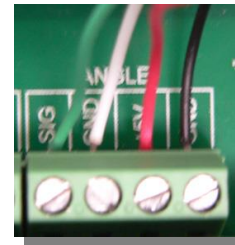-Center Punch
-Qty 2 - 9/16"
 Wrenches or Sockets

INSTALLATION

1. It is critical that you follow all Company and Government **SAFETY** procedures when installing this component in the field as there is exposure to High Voltage. Disconnect power to the Integrator from the source before continuing.
2. Mount the Angle Sensor on a flat area of the conveyor frame near the scale.
3. The cord grip should be on the low side so that water on the cable runs away from the sensor.
4. Reference the arrow on the label for orientation of the Angle Sensor. The Arrow MUST POINT UP!
5. For new installations, place the Angle Sensor on the conveyor frame and use a center punch to mark the drill points. When replacing an older style Angle Sensor, insert a bolt through one of the existing holes and use the center punch to mark the drill point for the new hole. A 7/16" drill bit is required.
6. Install a 3/8"x3-1/4" bolt through the flat washer, sensor, conveyor frame, a second flat washer, split ring washer and nut to secure Angle Sensor.
7. Repeat the previous step with the remaining parts through the second hole.

WIRING

1. Route the cable to the Integrator Box
   a. Choose a route safe from falling material, pinch points, or other hazards that may damage the cable.
   b. Choose a route away from electrical noise. If you must cross high voltage wiring, then cross at right angles.
   c. Do not lay Angle Sensor cable in a wire tray or conduit, parallel to high voltage or noisy lines.
2. Route the cable through the cord grip and fold the bare 'drain' wire back over the grommet as shown at right.
3. Locate the Angle Sensor terminal in the Belt-Way Integrator Box on the Sensor Board (to the right of center toward the bottom of the board) in the enclosure.
4. Connect as follows:
   a. Black wire to GND terminal
   b. Red wire to 5VDC terminal
   c. White wire to GND terminal
   d. Green wire to SIG terminal

Note: colors may differ when using extension cable.

Trim Wire

ENABLE THE SENSOR

1. Press the **Menu** button.
2. Navigate to **Scale Setup** using the **User Interface Navigation**.
3. Navigate to Conveyor Angle.
4. Enable the Angle Sensor.

Icon Guide

	Menu
	Scale Setup
	User Interface Navigation