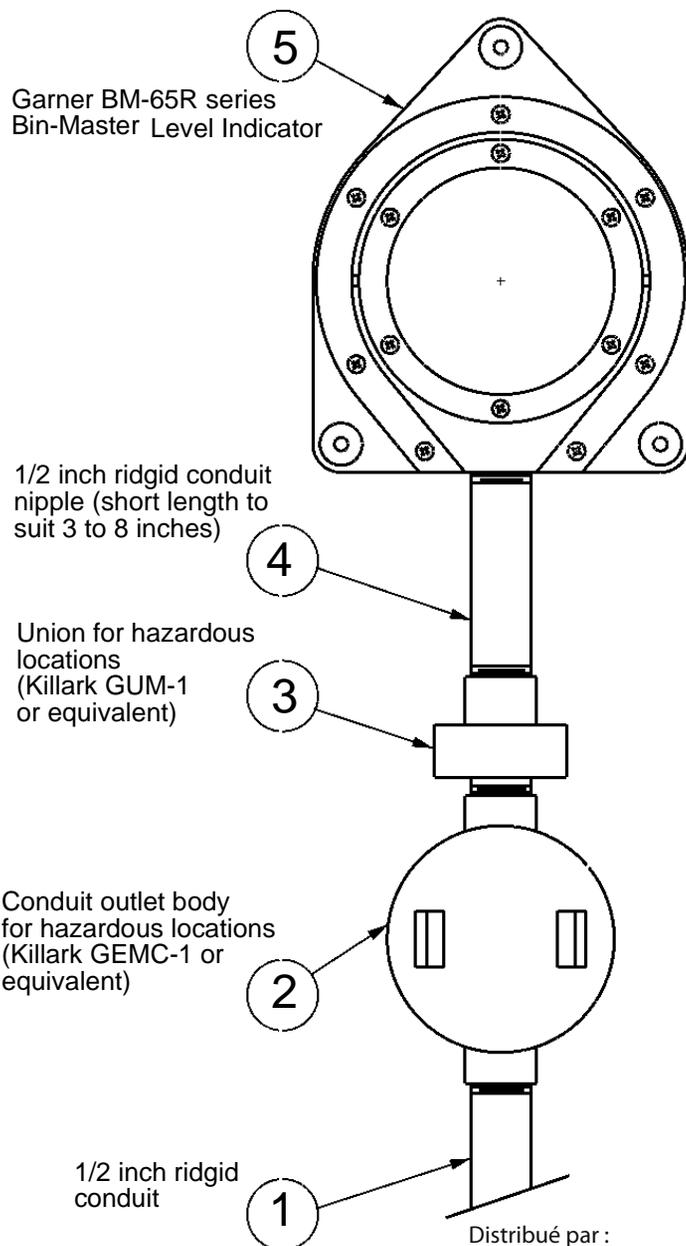


**Safety Warning:** When using in atmospheres containing dust, the wiring to this unit must conform to the National Electrical Code for Class II, hazardous locations. Contact a qualified electrician.

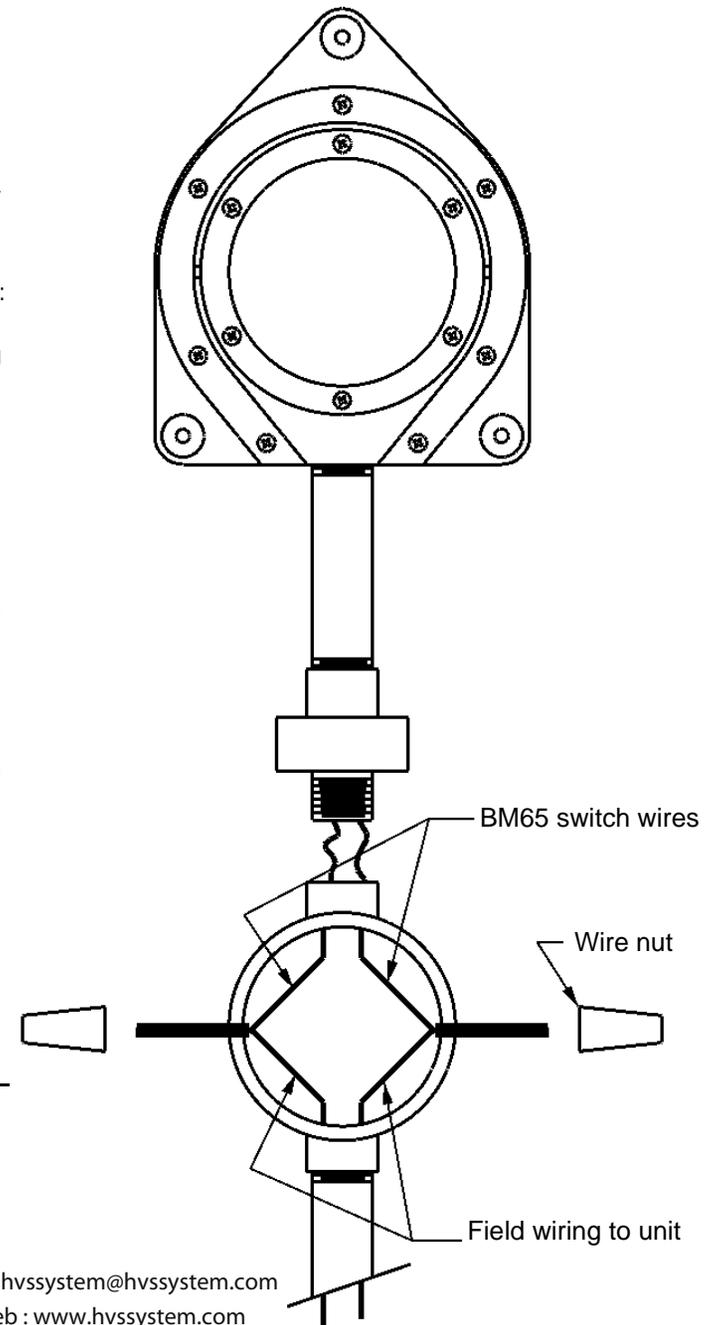
**Note:** For proper operation, the BM65 must be mounted such that the rear cover plate is vertical.

**Suggested Installation Procedure:**

1. Remove the rear cover from the BM65. (Use care not to scratch or nick the mating surfaces. These surfaces are accurately finished to assure safe seal.)
2. Connect short lengths of wire to the desired switch terminal in the BM65. The lengths of these wires should be the length of the conduit nipple used (4) plus about 10.00 inches.
3. Feed the switch wire through the nipple (4) and tighten the nipple into the BM65 housing.
4. Replace the rear cover, again exercise care not to damage the mating surfaces.
5. Pass the switch wires through the union (3) into the outlet body (2). Tighten the union onto the nipple (4) and outlet body
6. The BinMaster can now be fastened to the bin wall using four screws through the holes provided in the mounting plate.
7. Connection of the switch wires to the field wiring is accomplished at the outlet body (2). Be certain to tighten the cap on the outlet body.



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### Installation Options:

NOTE: Vertical mounting is necessary for proper operation.

Install the BM65F Series on the outside of the bin wall. The unit must be mounted vertically with the diaphragm facing toward the center of the bin. Before mounting, determine the desired location of the unit, then cut a five inch hole in the side of the bin.

Do not warp or bow the mounting plate when screwing to the bin wall. Use to shim the unit if mounting to a uneven surface.

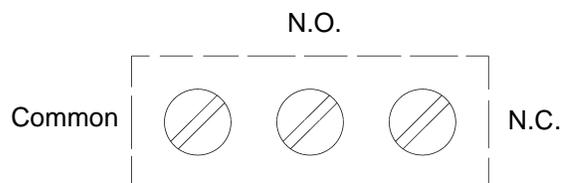
The BM65R Series mounts on the inside of the bin wall, with the diaphragm facing toward the center of the bin. Secure with four screws.

### Wiring Instructions:

The BinMaster housing has provisions for connection to a 1/2 inch conduit.

Remove the back plate of the BM65. This will expose the single pole double throw snap-switch. The switch rating is: 15A @ 125VAC, 10A @ 250VAC, 1/8 HP-125VAC, 1/4 HP-250VAC, 1/2A @ 125VDC.

There are three terminals on the switch: "Common", "Normally Open", and "Normally Closed". The condition referred to as "normal" is with no material covering the diaphragm of the BM65



### Examples:

A. The BinMaster switch may be used to control a motor start relay. To wire the BinMaster switch to stop the motor when material covers the diaphragm, use the "Common" and "Normally Closed" switch terminals.

B. To wire the BinMaster switch to turn on a light, or sound an alarm when material covers the diaphragm, use "Common" and "Normally Open".

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