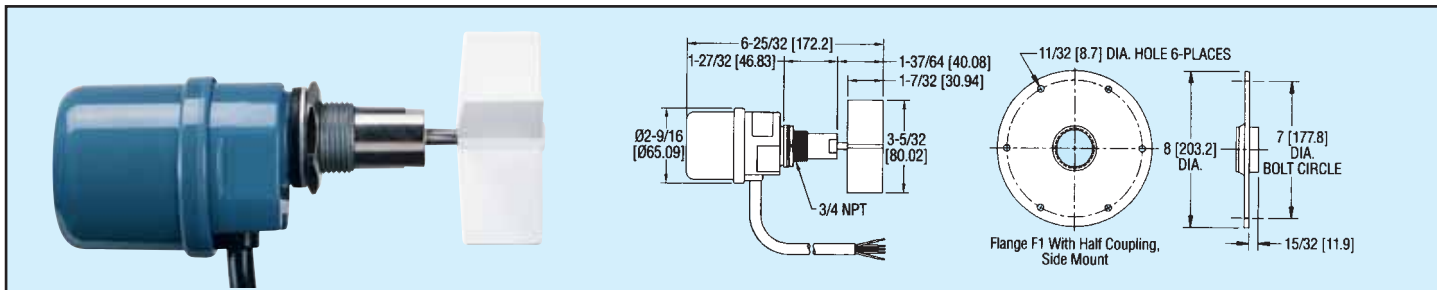




Model  
DBLM

# Mini-Bin Dry Bulk Level Monitor

## Compact, 4-Vane Paddle



The Mini-Bin provides reliable level sensing for dry bulk solids where mounting space is limited. This compact, side mount control reports high, intermediate, and low level conditions, eliminating overflows, choking, clogs or empty vessels. Model DBLM Mini-Bin operates by using a 1 rpm synchronous motor to rotate a four vane, plastic paddle. When material surrounds paddle and impedes rotation, the motor is de-energized and triggers a SPDT snap switch. Mount the Mini-Bin with optional 1 1/4" to 3/4" reducer to replace standard size units.

### SPECIFICATIONS

**Service:** Dry bulk solids.

**Wetted Materials:** Polycarbonate paddle, SS shaft, PTFE washer.

**Temperature Limits:** -4 to 140°F (-20 to 60°C).

**Enclosure Rating:** Polycarbonate, NEMA 1.

**Switch Type:** SPDT snap switch.

**Electrical Rating:** 3A @ 250 VAC.

**Power Requirements:** 110 VAC, 50/60 Hz, 220 VAC optional, consult factory.

**Power Consumption:** 1.5 Watts.

**Electrical Connections:** 18 AWG, 12" leads wrapped in conduit.

**Process Connection:** 3/4" male NPT, optional flange and 1-1/4" to 3/4" reducer.

**Mounting Orientation:** Side mount.

**Weight:** 0.77 lb (350 g).

**Agency Approvals:** CE.

Model Number	Power Supply
DBLM3040	110 VAC
DBLM3140	220 VAC

F1, 8"x 1 1/4" NPT flexible carbon steel mounting flange  
A-335, 1 1/4" to 3/4" reducer