

### Bin-Master Rotary Automatic Level Indicator

The Seedburo Rotary Level Indicator operation is based on a low torque, slow speed synchronous motor. The motor rotates a paddle which senses the presence of material at the level of the unit. As a high level indicator, the paddle will rotate constantly until interrupted by material stalling its motion. As a low level indicator, the paddle will begin to rotate as soon as material has dropped below the desired level. This actuates a micro switch that controls an audible or visual signal. BinMaster's specially designed synchronous motor features "de-energized" operation which shuts the motor down when material is present, rather than remaining in a 'stalled' condition. The enclosure features a twist-off cover with no-bolt access to the internal components of the rotary, making the unit easy to open for wiring or service. Net wt: 4 lbs, Ship wt: 5 lbs, Ship dims: 8" (L) x 6" (W) x 8" (H).



Power Pak, Expl. Proof-Class II, Group G, (CSA), 110V.....	<b>No. BMRX</b>	Side Mounting Plate, Mild Carbon Steel.....	<b>No. GRSMP</b>
Power Pak, Expl. Proof-Class II, Group G, (CSA), 220V.....	<b>No. BMRX/A</b>	Top Mounting Plate, Mild Carbon Steel.....	<b>No. GRTMP</b>
Solid Shaft Coupler, Stainless Steel.....	<b>No. GRSS</b>	1½" Nylon Paddle.....	<b>No. GRNP</b>
Flexible Shaft Coupler, Stainless Steel.....	<b>No. GRFC</b>	1½" Stainless Steel Paddle.....	<b>No. GRSP</b>

### Bin-Master Diaphragm Switch

Bin-Master indicators can be used in single or multiple units to provide automatic on-off switching, activate relays, actuate audible or visual signals and many other control tasks. Ideal in supply bins, storage silos, conveyors and elevators. Easily installed, these indicators consist of a sensitive micro-switch inside of a heavy cast housing. The switch is activated when material presses against a flexible neoprene diaphragm. Operates on 125V, 250V or 460V A.C. Operating temperatures -30°F to 220°F, bulk density 15–60 lbs per bushel. **BM45 series:** Net wt: 3 lbs, Actual dims: 6½" (W) x 7" (H) x 2½" (D), Ship wt: 4 lbs, Ship dims: 12" (L) x 10" (W) x 5" (H). **BM65 series:** Net wt: 3 lbs, Actual dims: 8" (W) x 6¾" (H) x 5" (D), Ship wt: 4 lbs, Ship dims: 12" (L) x 10" (W) x 5" (H).



General Purpose Switch, Heavy Duty, Mounts Inside Bin, 15–60.....	<b>No. BM45RH</b>
General Purpose Switch, Heavy Duty, Mounts Externally 15–60.....	<b>No. BM45FH</b>
Expl. Proof (Class II, Group G) Switch, Std., Back Mount (Mounts Inside Bin).....	<b>No. BM65R</b>
Expl. Proof (Class II, Group G) Switch, Std., Front Mount (Mounts Externally).....	<b>No. BM65F</b>

### Bin-Master Capacitance Probe

The PROCAP series capacitance probes use advanced integrated circuit technology operating at low frequency to achieve both high sensitivity and stable calibration. The probe uses a simple timing technique that compares the discharge time of the probe capacitance to that of a reference capacitance. Calibration stability, along with static discharge survival, and RF immunity due to low, 6 KHz operation below FCC regulations, are the three main reasons why these sensors perform so well. Features an LED status light, triple-threaded screw off cover, dual conduit entries, DPDT relay controls, selectable fail-safe protection, FDA recognized powder coat finish, shielded bare stainless steel, 24" probe, ¾" SS and 1¼" aluminum fittings standard. Hazardous location approved, CAN/US listed for Class II, Groups E, F, G.

Calibrating PROCAP series sensors is simple and precise with a Quick-Set design for two single turn potentiometers, one for setting the empty vessel and the second to set the desired sensitivity for the vessel material. Sensors are available with Universal power supply for voltages between 24V–240V AC/DC or in a selectable AC voltage of 115V or 230V. Ship wt: 8 lbs, Ship dims: 25" (L) x 11" (W) x 11" (H).

PROCAPI-24



Customized Capacitance Sensors available with selection of Power Pac, Fitting and Probe options.

**Probe Sleeve Options:** Delrin, Teflon, Food Grade.

**Power Pac Options:** Intrinsically Safe, Remote sensing.

**Fitting Options:** Flush Mount, Flexible Extension, Stubby Shielded or Extended Shielded.

PROCAP Capacitance Sensor, Std 24" SST Probe, 24–240V AC/DC.....	<b>No. PROCAPI-24</b>
PROCAP Capacitance Sensor, Std 24" SST Probe, 115/230V AC.....	<b>No. PROCAPII-24</b>
PROCAP Capacitance Sensor, Delrin Sleeved 10.63" Probe, 24–240V AC/DC.....	<b>No. PROCAPI</b>
PROCAP Capacitance Sensor, Delrin Sleeved 10.63" Probe, 115/230V AC.....	<b>No. PROCAPII</b>