

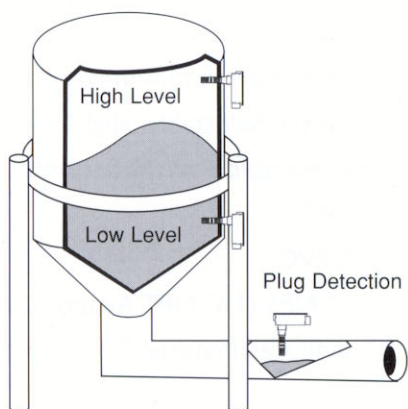
# BINMASTER

*Taking Control...To A Higher Level*



## CompactPro

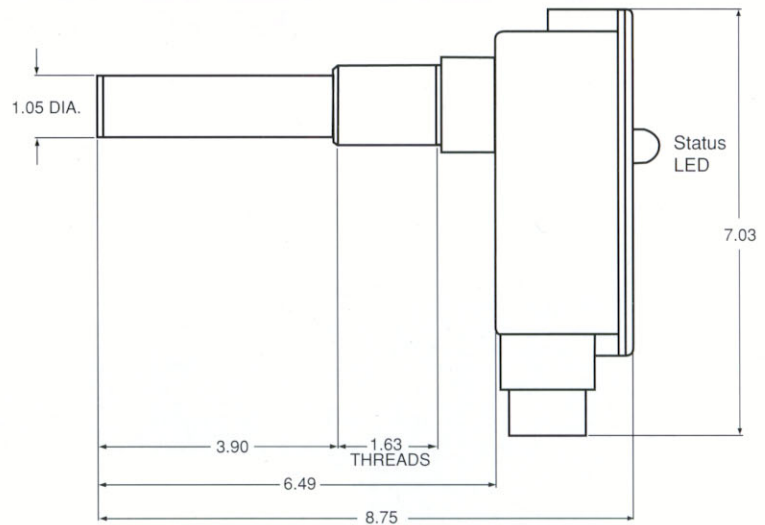
**Compact Capacitance  
Probe For Reliable  
Level Measurement and Plug  
Chute Detection in Liquid,  
Powder, Granular, and  
Pelletized Materials**



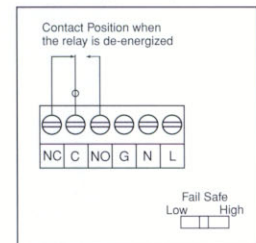
- Works Where Proximity Switches Don't
- For Tanks, Bins, Silos, Chutes, Conveyors, Pipes, and Load Out Hoppers
- ProShield Feature Ignores Material Buildup
- LED on Housing Indicates Sensor Status
- Easy "One-Time" Calibration
- Compact Design; Simple To Install
- For Metal, Plastic or Other Non-Metallic Vessels

## Eliminate Proximity Switch Failures with Reliable CompactPro Technology

Introducing BinMaster's **CompactPro**: a compact capacitance probe for use in solid, liquid and slurry applications. **CompactPro** provides reliable point level measurement in materials where proximity switches don't work. Special ProShield technology ignores the material build-up that causes proximity switches to fail. For use in metal, plastic or other non-metallic tanks and vessels. **CompactPro** is simple to install and features easy "one-time" calibration. Economically priced, **CompactPro** offers the same features found in more expensive capacitance probe sensors.



Wiring Diagram



### CompactPro Features

- ProShield® technology ignores material build-up on the vessel sidewall or along the probe assembly for more reliable operation.
- Specifically designed electronics provide highly sensitive measurement detection (requires less than a 1 picofarad shift from ambient).
- Visual LED on housing indicates sensor status.
- Simple "one-time" calibration procedure.
- Operation is not affected by changes in temperature—eliminates the need for bothersome re-calibration.
- Four levels of static discharge protection—important for pneumatically conveyed materials.
- 1 - 30 second time delay.
- Simple to install; no routine maintenance.
- 5 Amp, SPDT fail- safe relay output (switch selectable high/low fail safe).
- Operation is independent of bin wall, for use in metal or non-metallic vessels.

### Specifications

- Power Requirements: 120 VAC 1.5 VA
- Output Relay: SPDT 5 amp at 250 VAC
- Temperature  
 Electronics: -40 to 185° F (-40 to 85° C)  
 Probe: -40 to 240° F (-40 to 116° C)
- Enclosure: NEMA 4X, Dust Tight, Water Resistant
- Sensitivity Setting: Adjustable sensitivity to <1 Picofarad
- Calibration: Multi-turn Potentiometer
- Fail-Safe: Switch Selectable, High/Low
- Time Delay: Adjustable 1 to 30 Seconds
- Enclosure: PVC
- Probe: CPVC
- Mounting: 1" NPS (1/4" NPT Adapter available)
- LED: Indicates Material Presence or Absence

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