

# New! A Cost Competitive Advantage In Continuous Dry Level Measurement

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Other Bindicator Products  
For Dry Materials Include:

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- Roto Bindicator
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- Pulse Point Tuning Fork
- Bin-Dicator Dia-  
phragm Type

Continuous Level  
Measurement:

- Phase Tracker
- RF Capacitance

Dry Flow:

- Flo Guard RF Flow  
Switch
- Bin Aerator Pads



## New GP-4 Yo-Yo®

The GP-4 sensor has 4-20mA output with adjustable span, RS-485 communication, and optional integral telephone modem. Silos up to 100 ft can be measured with a resolution of 1 cm.

With the Remote Display, up to 99 GP-4 sensors can be remotely set-up and configured. Measurement can be remotely requested and displayed. An optional integral telephone modem is available for the Remote Display.



## How the GP-4 Yo-Yo® Works

The Bindicator® Yo-Yo® is an electromechanical sensor which is mounted on top of a vessel.

The sensor contains a weight [A] suspended by a cable [B] with movement provided by a motor drive [C] and controlled by associated electronics.

The measurement cycle is initiated either on demand or on a timed interval and causes the sensor to lower the weight to the material level. As the weight is being lowered, the length of cable dispensed is measured in 1cm (0.39 in) increments.

When the weight reaches the material level, the unit reverses and the weight is drawn into the stored position in the sensor. The distance measurement can then be transmitted via 4-20mA to a PLC, DCS, or other device and/or via RS-485 MODBUS network to the Remote Display

