POWDER & BULK LEVEL CONTROLS

Series TFLS • Tuning Fork Level Switch
- 316 SS tuning fork for use in powder or bulk level applications
- Universal power, 20-250 VAC and 24 VDC
- Adjustable sensitivity. Minimum bulk density of 1.8 lb/ft³ (28.8 kg/m³)
- SPDT switch contact with reversible failsafe condition and adjustable time delay up to 20 seconds
- External LEDs for switch status indication

Series TFLS2 • Compact Tuning Fork Switch
- 316 SS tuning fork for use in powder or bulk level applications
- Universal power, 20-250 VAC
- Adjustable sensitivity. Minimum bulk density of 4.4 lb/ft³ (75 kg/m³)
- SPDT switch contact with reversible failsafe condition

Series CLS2 • Capacitive Level Switch
- 316 SS and PTFE probe for use in liquid, powder or bulk level applications
- Auto-calibration through push button or external magnetic trigger
- Universal power: 12-240 VAC/VDC
- Coat Guard limits false alarms due to build up on the probe
- DPDT switch contacts with reversible failsafe condition and adjustable time delay up to 60 seconds
- External LEDs for switch status indication

Series FCLS • Flush Capacitive Level Switch
- 303 SS with PTFE sensor for use in liquid, powder or bulk level applications
- Adjustable sensitivity from 1 to 20 psi
- SPDT switch contact with reversible failsafe condition

Series PLS • Paddle Level Switch
- 316 SS paddle and aluminum housing for use in powder or bulk level applications
- Model selectable waterproof or explosion-proof housing, power requirement from 12 VDC to 230 VAC, and switch type in either SPDT or DPDT contacts
- Modular design allows for easy field upgrade or replacement of paddle, flange, or shaft extension
- Minimum bulk density sensitivity of 5 lb/ft³ (75 kg/m³)
- External LEDs for switch status indication on waterproof housing
- Magnetic drive with slip clutch completely isolates the control head from the process environment, and prevents motor damage from sudden or excessive paddle loading

Series PLS2 • Paddle Level Switch
- 303 and 304 SS paddle and aluminum housing for use in powder and bulk level applications
- Explosion-proof housing rated for Class II & III, Div. 1, Group E, F, & G
- Adjustable sensitivity set internally between 5 settings

Series ULB • Ultrasonic Level Transmitter
- Non-contact ultrasonic measurement for use in dust free bulk level applications
- Integrated display and push buttons for easy set up and configuration
- Programmable range up to 24 ft (7.3 m) with accuracy of 0.25% of maximum range
- 2 wire 4-20 mA process output with power requirement of 16-28 VDC

Series CTF • Mini Tuning Fork Level Switch
- 304 SS tuning fork for use in powder or bulk level applications
- Process power, 12-25 VDC
- Minimum bulk density sensitivity of 4.4 lb/ft³ (75 kg/m³)
- 5-wire PNP or NPN switch output

Series LTS & LTC • Tilt Level Switch
- LTS probe housing material offered in carbon steel or stainless steel for use in powder or bulk level applications
- LTS probe features integral hangar hook for easy installation, 25 ft cable, and SPST normally closed contact for use with LTC control or direct input on a PLC
- LTC control features DPDT contacts, adjustable failsafe condition, time delay from 1-10 seconds and external lights for switch status indication

Series VRLS • Vibrating Rod Level Switch
- 304 SS tuning fork for use in powder or bulk level applications
- Universal power, 20-250 VAC
- Adjustable sensitivity. Minimum bulk density of 20 lb/ft³ (320 kg/m³)

Series ULTRA-MAG • Diaphragm Switch
- Diaphragm design features no probes or paddles inside the bin to be broken by heavy, surging, or large particle materials
- Magnetic sensing isolates and completely seals the electrical compartment from the process
- Wide diaphragm material selection for compatibility with temperature, abrasiveness, bulk density, and corrosivity. Including breathable diaphragms for sensing level in pressurized vessels

Series DBOB • Continuous Level Monitoring
- Suspended weight is driven down to continuously measure the distance to the top surface of the material
- Minimum bulk density of 18 lb/ft³ (280 kg/m³)
- Levels up to 100 ft (30 m)
- 4 to 20 mA level output signal plus 2 additional contacts for failure alarm signal and active measurement indication

www.dwyer-inst.com/PBLevelControls
POWDER & BULK LEVEL CONTROLS

RIGHT CHOICE. RIGHT PRICE. RIGHT NOW.

Dwyer

©Copyright 2014 Dwyer Instruments, Inc.
Printed in U.S.A.

BC-PBLD

SCAN HERE for more information or go to www.dwyer-inst.com/PBLevelControls