

Application

Designed for level indication of dry bulk material in storage tanks, surge bins, hoppers or receivers.

Top Mount Rotating High Level Control

Group No.	Material of Construction	Volts	Paddle Type
F12104-158M	CS Contact Areas	24 VDC	Three-Blade
F22104-158M	SS Contact Areas	24 VDC	Three-Blade

Design

- Rotating bin switch assembly
- 24 VDC motor drive (115 VAC optional)
- One DPDT contact, 10 amps 250 VAC
- Stainless steel flexible shaft coupler
- Three-blade stainless steel paddle
- Carbon steel or stainless steel mounting plate with gasket, hex head bolts, washers and nuts
- 609 mm [24 in] aluminum or stainless steel shaft extension and pipe shield with coupling
- Fail-safe switch for high or low indication
- IP66, NEMA 4X , 5, 7, 9 and 12 rated enclosure
- Hazardous location options:
 Class I, Division 1, Groups C & D
 Class II, Division 1, Groups E, F & G
 ATEX 2GD/1D- (outside/inside)
- CE Compliant

Side Mount Rotating Level Control

Group No.	Material of Construction	Volts	Paddle Type
F12104-163M	CS Contact Areas	24 VDC	Single-Blade
F12104-164M	CS Contact Areas	24 VDC	Three-Blade
F12104-165M	CS Contact Areas	24 VDC	Bayonet-Blade
F22104-163M	SS Contact Areas	24 VDC	Single-Blade
F22104-164M	SS Contact Areas	24 VDC	Three-Blade
F22104-165M	SS Contact Areas	24 VDC	Bayonet-Blade

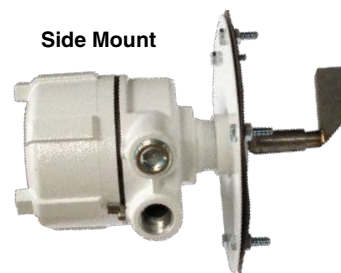
Design

- Rotating bin switch assembly
- 24 VDC motor drive (115 VAC optional)
- One DPDT contact, 10 amps 250 VAC
- Single, three or bayonet-blade stainless steel paddle
- 1 1/2 in NPT mounting
- Fail-safe switch for high or low indication
- IP66, NEMA 4X , 5, 7, 9 and 12 rated enclosure
- Hazardous location options:
 Class I, Division 1, Groups C & D
 Class II, Division 1, Groups E, F & G
 ATEX 2GD/1D- (outside/inside)
- CE Compliant

Top Mount



Side Mount

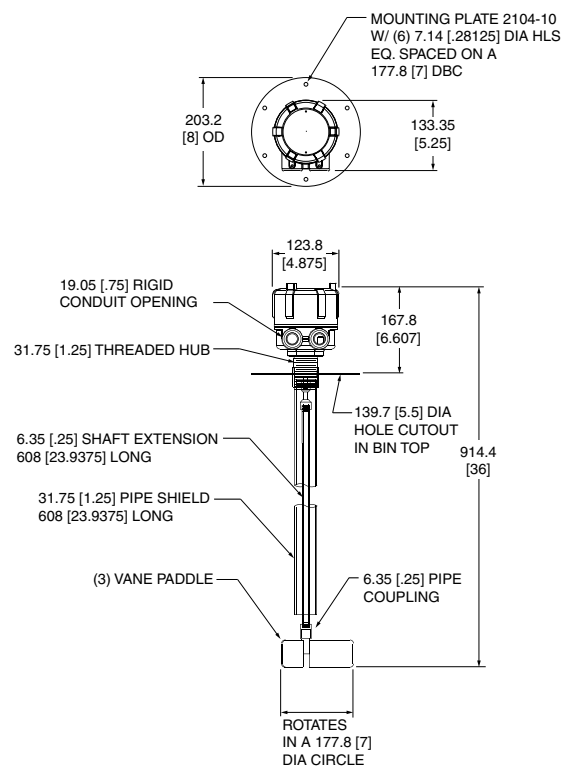


Features

- No bolts, triple thread screw-off cover
- Removable terminals for easy wiring
- Field-adjustable sensitivity
- Dual conduit entrance for improved wiring access
- Four-bearing design for greater shaft stability
- Powder coat finish

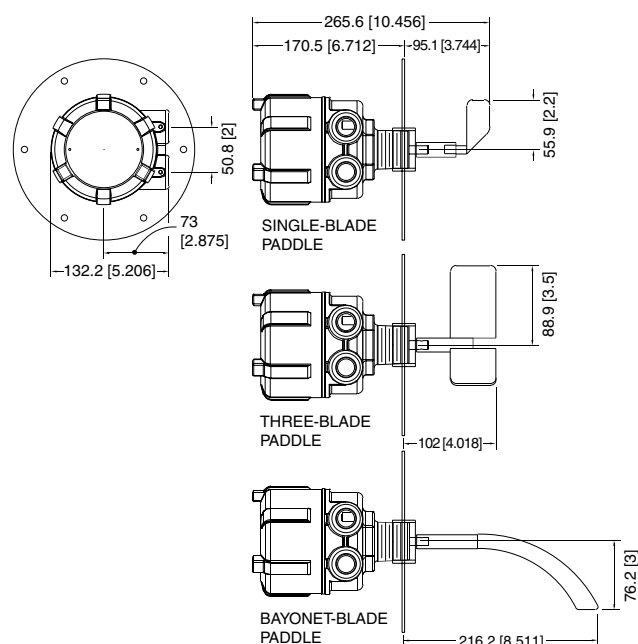
Dimensions of Top Mount Level Indicator

mm [in]



Dimensions of Side Mount Level Indicator

mm [in]



Caution: Measurements are for general reference only. Please consult dimensional drawing for exact measurements.