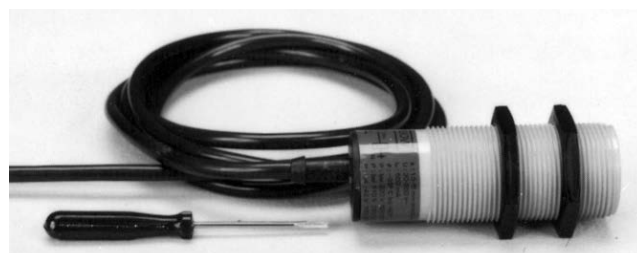


Proximity Level Switch

Note: May require 2104-141 PTFE mounting well. See information below.

Application

The Proximity Level Switch detects the presence of material in a hopper or bin. It works on a capacitance basis and is capable of detecting many free-flowing materials that are commonly handled pneumatically, including many chemicals, plastics, and foods. The sensitivity is adjustable using the screwdriver, which is included. The correct sensitivity is easily determined by viewing the status LED on the back of the unit. The switch mounts in a M30 threaded boss or alternatively can be mounted in a 31 mm [1.25 in] hole and secured by two nuts which turn on the threaded housing. It is available for AC or DC power.

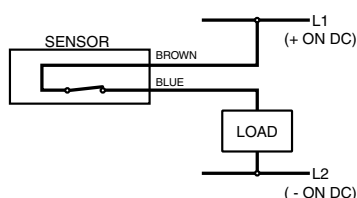


Proximity level switch

Design

Proximity level switch, part no. 2104-102

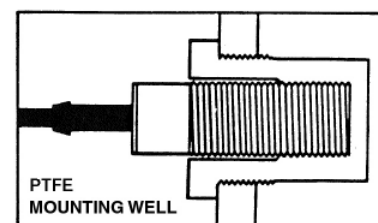
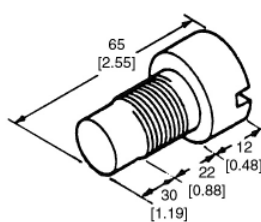
- IP65, NEMA 4
- CE compliant
- AC, 2 wire, NC (form B) contact
- Supply: 20 - 250 V AC/DC; 50-60 Hz
- Leakage current: < 2.5 mA
- Load current: 0.5 A max.
- Inrush current: 2.2 A max. for 20 ms. at 0.5 Hz
- Minimum load: 5 mA
- Voltage drop: 4.5 V at max. load



PTFE Mounting Well

Part no. 2104-141

- Adapts a 30 mm [1.19 in] proximity switch to a 1 1/4 in NPT coupler
- Helps prevent static buildup
- Promotes product release



PTFE mounting well

Vibrating Rod

Application

The Vibrating Rod is a vibration type point level control that detects the high and low material level in bins, silos and hoppers.

Design

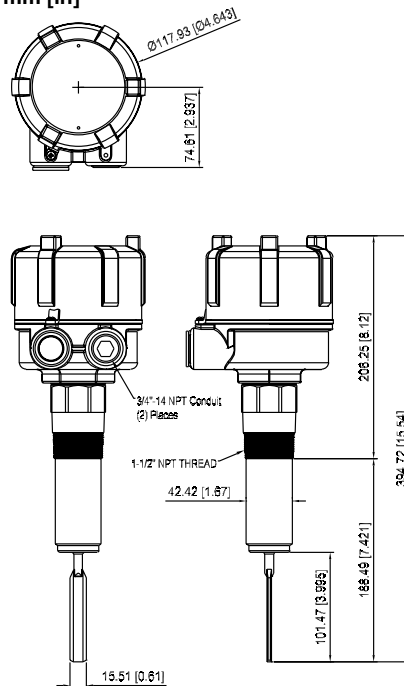
Part no. 2104-170

- Stainless steel [AISI 304], 190 mm [7.5 in] insertion length
- 20 - 250 V AC/DC range
- DPDT contacts, 5 amps 250 VAC
- IP66, NEMA 4X, 5 and 12 rated enclosure
- Hazardous locations certifications:
Class II, Division 1, Groups E, F & G
- 1 1/2 in NPT mounting
- Fail-safe switch for high or low indication
- CE compliant



Vibrating rod

Dimensions of Vibrating Rod mm [in]



Low Level Alarm

Application

The Low Level Alarm is intended to be mounted on the machine hopper for indication of an emergency low level condition.

Design

Part No. 5741-9

- Capacitance-type proximity level switch (part no. 2104-102)
- Flashing strobe
- Power cord with plug for 115 V / 60 Hz power
- IP65, NEMA 4



Low Level Alarm