The Pulse Point™ is an electronic vibratory level control especially effective in lightweight powders and granular solids. Because the Pulse Point™ senses material using a mechanical principle, the dielectric constant of the material is irrelevant.

### Features and Benefits

**Simple Mechanical Mechanism**
No calibration required.

**1 1/4" or 1 1/2" NPT Top or Side Mount**
Multiple mounting options to choose from.

**Dual-Tine, Self-Cleaning Action**
Won’t “rat hole” like single-tine vibratory units.

**Field Selectable Fail-Safe Operation**
Single model will work in low or high level.

**DPDT Switch**
Gives the user capability to turn off or on up to two auxiliary devices.

**Adjustable Time Delay**
Switch activation can be delayed to user defined time settings (0-25 seconds).

**Ability to Sense Lightweight Materials**
Densities as low as 2 lbs/ft³ (32 kg/m³)

**Captive Screws**
No lost screws.

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### How to Order

<table>
<thead>
<tr>
<th>Pulsee Point™ Model</th>
<th>Mounting Configuration</th>
<th>Enclosure Material</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>PP-11000 100</td>
<td>A = 1 1/2&quot; NPT Mounting</td>
<td>A = Aluminum, Polyester Coated</td>
<td>1 = 120 VAC</td>
</tr>
<tr>
<td></td>
<td>C = 1 1/2&quot; Pipe Extended</td>
<td></td>
<td>2 = 240 VAC</td>
</tr>
<tr>
<td></td>
<td>D = 1 1/4&quot; Pipe Extended</td>
<td>B = 304 S.S. (Function Test Not Available With S.S. Enclosure)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>E = 1 1/4&quot; NPT Mounting</td>
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</tbody>
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### Pulse Point™ LP-100 Integral Unit

- External LED operation and alarm lights
- DPDT output relay
- External function test using magnetic fob
- No calibration required
- Liquid/solid interface

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Specifications

Enclosure Material: Polyester coated aluminum or 304 S.S.

Enclosure Rating: General Purpose NEMA 4X, Explosion proof NEMA 9

Operating Temperature: Electronics: -40°F to 175°F [-40°C to 80°C] Tuning Fork: -55°F to 248°F [-48°C to 120°C]

Mounting: 1½” or 1¼” NPT, extended forks can be mounted directly through 1½” or 1¼” NPT coupling, mild steel or 304 S.S. mounting plate

Conduit Entry: ¾” NPT

Fail Safe Circuitry: Field selectable high/low level

Tuning Fork: 316 S.S. standard; 316 S.S. with Teflon® coating; 316 S.S. liquid/solid interface

Extended Pipe Material: Galvanized or 316 S.S.

Maximum Pipe Extension: 10ft (3m)

Status Indicator: External green LED: power External red LED: alarm

Time Delay: Field programmable: ON, OFF or both Adjustable (0-25 sec)

Output: 5A DPDT @ 125 VAC or 28 VDC

Power Consumption: 5 VA

Power Requirements: 120 VAC or 240 VAC, 50/60 Hz

Pressure Rating: 150 psi (10.5 kg/cm²) with 1½” NPT 5 psi (0.35 kg/cm²) with mounting plate

Minimum Material Density: 2 lbs/ft³ (32 kg/m³)

Approvals: CSA listed on all 1½ ” & 1¼” configurations for general purpose, CSA listed on all 1½” & 1¼” configurations for dust ignition proof; FM listed for explosion-proof Class I, Division I, Groups C, D, DI and Class II, Division I, Groups E, F & G, excluding pipe extended models - not available with stainless steel enclosure.

Dimensions

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