

Switch-Tek™ Vibration Level Switch



LZ12-1405 Shown

Specifications

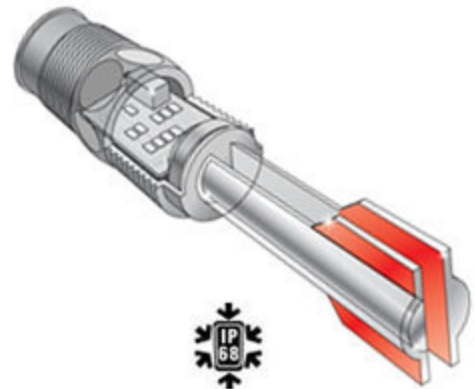
Orientation:	Universal
Repeatability:	± 0.5 mm in water
Supply voltage:	12-30 VDC
Contact type:	(1) SPST relay (NO/NC)
Contact rating:	60 VA
Maintenance alarm:	NPN transistor, 10 mA max.
Process temp:	F: -40° to 176° C: -40° to 80°
Pressure:	150 psi (10 bar)
Cable length:	10' (3m)
Sensor rating:	NEMA 6 (IP68)
Process mount:	3/4" NPT (3/4" G)
Sensor material:	Ryton® (glass filled), Viton® cable grommet
Classification:	General purpose

Application

The general purpose vibration level switch is a great choice for dirty liquids including those with light to medium coating, scaling or foaming characteristics. Media examples include wastewater, diluted caustic soda and light weight oil. For optimum performance and proactive maintenance, the sensor automatically adjusts for coating build up, and if necessary, outputs a preventative maintenance alarm. The submersible sensor is universally mounted through the wall or inside the tank.

Features

- Automatic coating adjustment optimizes sensor performance
- Rugged Ryton® probe with Viton® and PP cable rated NEMA 6
- Coating preventative maintenance alarm saves time and money
- 1A relay selectable NO or NC via power supply wiring polarity



Tech Tip

Using advanced self-learning technology, the level switch automatically adjusts to increased material build-up on the forks for maximum coating performance. If the coating becomes too significant, then the sensor will actuate a transistor alarm for proactive maintenance.



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Process mount (1)

- 0 3/4" NPT (US)
- 2 3/4" G (Metric)

Ordering Notes

- 1) To special order a 25' (7.6m) or 50' (15.2 m) sensor cable, place the cable length at the end of the part number (ie: LZ12-1405-25).

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