



Flow Line Options



## Switch-Tek™ Vibration Level Switch

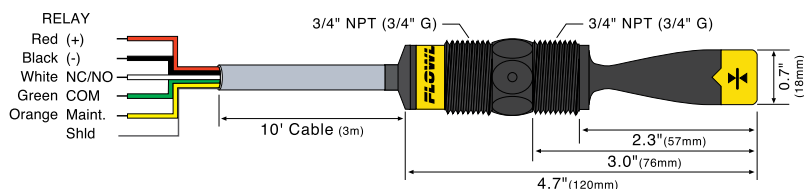
### Features & Benefits

- Automated coating adjustment optimizes sensor performance with media build-up
- Ryton® sensor and PP cable rated NEMA 6 or IP68
- Coating preventative maintenance alarm saves time and money
- 60VA relay selectable NO or NC via power supply wiring polarity

### Switch-Tek Description

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 60VA relay provides a reliable switch interface with remote devices such as a PLC, SCADA or alarm. The submersible sensor is universally mounted through the wall or inside the tank.

### Dimensions



### Specifications



Orientation	Universal
Accuracy	± 1 mm in water
Repeatability	± 0.5 mm in water
Supply Voltage	12-30 VDC
Consumption	25 mA maximum
Contact Type	(1) SPST relay
Contact Rating	60 VA
Contact Output	Selectable NO/NC
Maintenance Alarm	NPN transistor, 10 mA maximum
Process Temperature	F: -40° to 176° C: -40° to 80°
Pressure	150 psi (10 bar) @ 25° C., derated @ 1.667 psi (.113 bar) per °C. above 25° C
Sensor Rating	NEMA 6 (IP68)
Sensor Material	Ryton® (glass filled) Viton® cable grommet
Cable Jacket Material	Polypropylene
Cable Type	5-conductor, #24 AWG (Shielded)
Cable Length	Standard: 10' (3m) Special Order: 25' (7.6m) or 50' (15.2m)
Process Mount	3/4" NPT (3/4" G / Rp)
Mount. Gasket	Viton®
Classification	General purpose
CE Compliance	EN 61326 EMC EN 61010-1 safety



LZ12-1405 Shown

## 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.



## Ordering Information

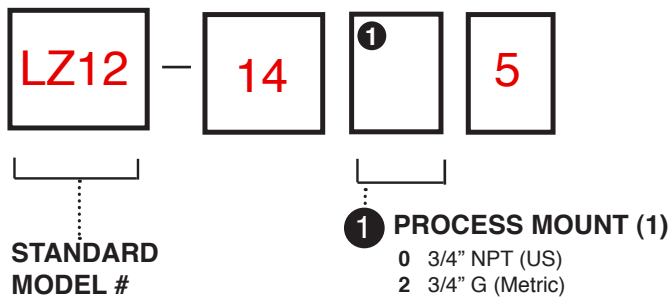
### FLO-CORP MODEL NUMBER BUILDER

For Assistance Call **330.468.0180**

Use the diagram below, working from left to right to construct your Flo-Corp Model Number. Simply match the category number to the corresponding box number.

**Example: LZ12-1405**

*Switch-Tek Vibration Level Switch, 3/4" NPT Process Mount*



### 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)

*Specifications are subject to change without notice.*