

POINT LEVEL SWITCHES & SENSORS

The Whitman line of point level switches and sensors provide advanced sensor technologies for the measurement of liquids and solids across numerous media and applications. These devices are highly customizable, offering various enclosures for more hazardous environments, and electrical connections and fittings to meet any application.

- L90 Series** Vibrating Fork Level Switch for Liquids
- L91 Series** Vibrating Rod Point Level Switch
- L92 Series** Vibrating Fork Point Level Switch for Solids

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WHITMAN
CONTROLS™



L90 SERIES VIBRATING FORK LEVEL SWITCH



DESCRIPTION

The L90 Series Vibrating Fork Level Switch is a heavy-duty, stainless steel tuning fork for measuring liquids across a range of media and applications. When placed in liquids, the frequency of the vibrating fork falls relative to its natural resonance frequency in free air, sending an electronic signal detecting the presence of liquid. These durable, yet compact, devices come with a wide range of electrical connections, outputs, fittings, fork lengths and a number of other selections to meet any end-user demands. These devices are ideal in free-flowing liquids, and for flow detection in pipelines. They can be mounted on the top or side of tanks, and can operate in temperatures up to 392°F and pressures up to 215 PSIG.

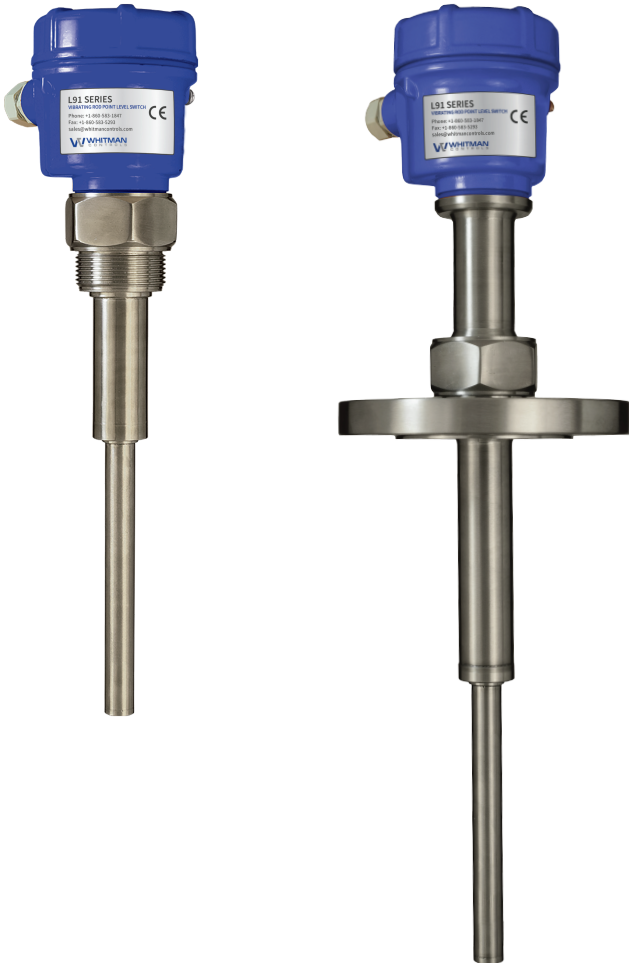
KEY FEATURES

- Durable construction
- Wide range of sensing surface materials to meet any media
- Variable fork length to meet any application or tank need
- Fast Switching Response
- Ability to operate in high temperatures and elevated pressure environments
- Numerous threaded & flanged Mountings
- Ingress protection : IP 68/65 (as per IS-13947)
- Vibration complied as per IEC 60068 part 2-6
- Low power consumption

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L91 SERIES

VIBRATING ROD POINT LEVEL SWITCH



DESCRIPTION

The L91 Series Vibrating Rod Point Level Switch is a heavy-duty stainless steel vibrating rod ideal for measuring the presence of solids and powders across a wide range of media and applications. When materials come into contact with the measuring rod, the frequency of vibration falls relative to the natural resonance frequency in free air, sending an electronic signal detecting the presence of material. These durable, yet compact, devices come with a wide range of electrical connections, outputs, fittings, and a number of other selections to meet any end-user demands. These devices are ideal in free flowing powders and granules, most commonly found in the agriculture and cement industries. They can be mounted on the top or side of tanks or grain elevators, and can operate in temperatures up to 392°F and pressures up to 215 PSIG.

KEY FEATURES

- Durable for high pressure / high temperature environments
- Wide range of sensing surface materials to meet any media
- Fast Switching Response
- Ingress protection : IP 68/66
- Vibration complied as per IEC 60068 part 2-6
- Low power consumption
- Settable switching delays



L92 SERIES

VIBRATING FORK POINT LEVEL SWITCH



DESCRIPTION

The L92 Series Vibrating Fork Point Level Switch is a heavy-duty stainless steel vibrating fork ideal for measuring the presence of solids and powders across a wide range of media and applications. When materials come into contact with the fork tines, the frequency of vibration falls relative to the natural resonance frequency in free air, sending an electronic signal detecting the presence of material. These durable, yet compact, devices come with a wide range of electrical connections, outputs, fittings, and a number of other selections to meet any end-user demands. The vibrating fork level switch is ideal in free flowing powders and granules, most commonly found in the agriculture and cement industries. They can be mounted on the top or side of tanks or grain elevators, and can operate in temperatures up to 392°F and pressures up to 215 PSIG.

KEY FEATURES

- Durable for high pressure / high temperature environments
- Wide range of sensing surface materials to meet any media
- IP 68/66 Ingress Protection (as per IS-13947)
- IP 66 Weatherproof
- Fast Switching Response
- Vibration complied as per IEC 60068 part 2-6
- Low power consumption
- Settable switching delays

