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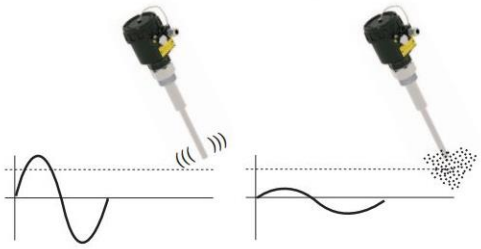
Ensim vibrating level switch ELT

The Ensim ELT vibrating switches used for level control with corrosive or viscous fluids, powders and solids.

Both tuning forks and single rods work reliable with sticky media.
The vibration sensitivity can be adjusted after installation.
The single rod version avoids jamming of granules.

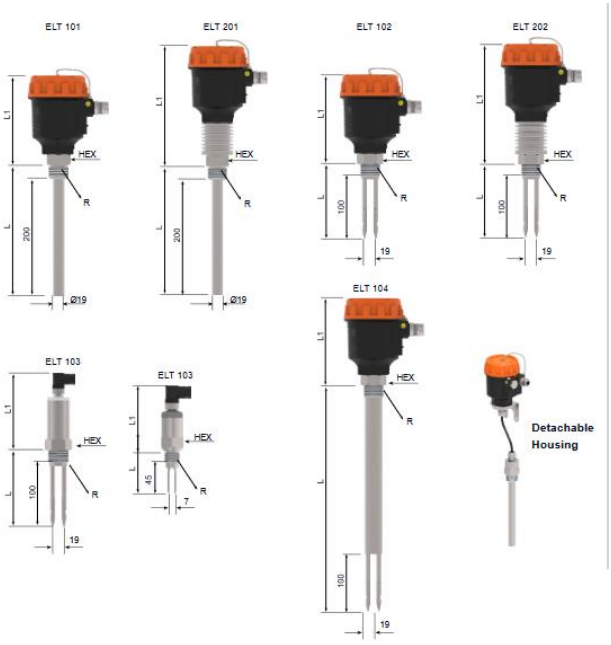
Working Principle:

The vibrating level sensors generate vibration by means of piezoelectric elements using the resonance principle. Only when solid particulate materials or liquids surround the probe, the vibration frequency drops drastically and sends an output switch signal.



Advantages:

- Minimum and maximum fail safe field
- Process pressure max. 15 bar, temp. 200 °C
- Low power consumption
- No calibration required
- Settable switching delay
- Customizable stem length
- No moving mechanism - durable construction
- Immune to external vibrations
- CE certified - Ex options for gas and dust
- Side and top mounting options



Applications:

- Plastic and Chemical Industry: plastic granules, detergents etc.
- Food Industry: cereals, beans, edible oil process, sugar, animal feed, rice plants,spices, milk powder
- Processing Industry: dye powder, chalk,gypsum, fly-ash, cement, sand, etc.

more on vibrating level switch products

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