

World first for tuning fork level switch



Image: VEGASWING 66 self monitoring and fail safe, and a world first for extreme temperature and pressure

The latest addition to the VEGA portfolio of vibrating limit switches for liquids, VEGASWING 66, is a world first. It is designed for reliable, self monitoring and fail safe switching in applications with process temperatures up to +450 °C and process pressures up to 160 bar. Until now, vibrating level switches have been limited to process conditions up to +280 °C and 100 bar. By developing a revolutionary new tuning fork drive, it makes deployment of the instrument possible far beyond these limits. The resulting performance capability is impressive: process temperatures from -196° C to +450° C and pressures from 0 to 160 bar.

Since it is virtually unaffected by product properties, such as changing product density and electrical properties, the vibrating level switch is very versatile. It can be installed in any orientation and supplied in lengths up to 6m, materials include: 316L, Inconel and Hastelloy. Adjustment with product level is not

required for setup and it switches reliably and repeatably when a point level is reached. Integrated monitoring capabilities allow accreditation to SIL2 and EN steam boiler regulations and a remote test is also available. VEGASWING 66 is the first level switch for high-pressure, high and low temperature applications; for example distillation columns in the oil and gas industry, steam boilers (for high and low water limits) and in cryogenic, liquid gas tank applications for LNG and nitrogen.

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