

Compact Vibrating Fork Switch for Liquids - CVFSL



It is based on piezo driven vibrating fork technology, for detection of liquids with PNP output for direct interface to PLC.

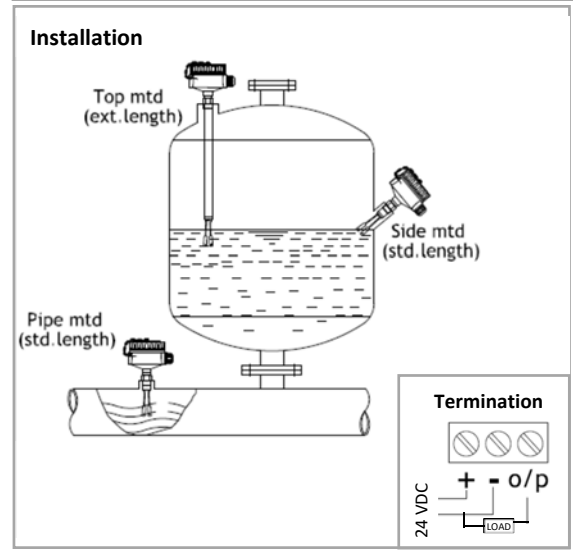
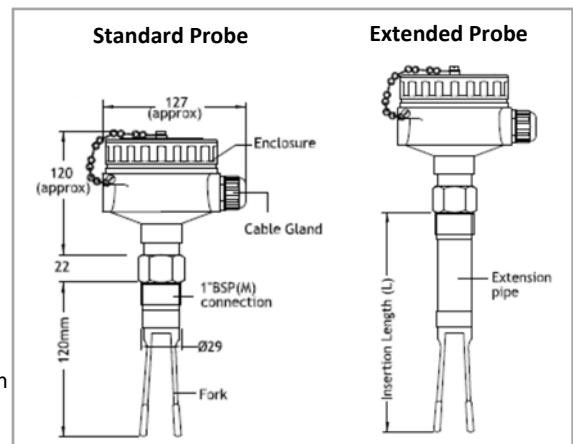
Specifications

- Enclosure : Cast Al. WP IP66 or Ex d Gr. IIB or IIC T6, IP66 or ATEX Ex d Gr. IIB T6, IP66
- Conduit Connection : PG 11 Cable Gland, Nylon (Weather proof) ½" NPT DC Cable Gland, Brass (Ex- proof)
- Extension MOC : SS304 (Optional SS316)
- Fork MOC : SS316
- Insertion Length : Standard probe - 120 mm
: Extended probe - 175 to 2500 mm
- Mounting : Top / Side
- Process Conn. MOC : SS304/ SS316
- Process Connection : 1" BSP (M) Screwed (Std. probe L)
: 1-1/2" BSP (M) Screwed (Extd. probe L)
: 1-1/2" NB ASME 150# Flange (Std/ Extd. probe L)
- Supply : 24 VDC, ±10%
- Output : PNP (NO), R Load (min) = 600 Ohms
- Alarm Indication : Green LED (Switch O/P Status)
- Power Consumption : 2 VA
- Max. Temperature : 150 °C
- Max. Test Pressure : 10 kg/cm²
- Max. Viscosity : 1000 cst.



Model Identification

	CVFSL-				x Insertion Length
Enclosure x Conduit Connection					
Cast Al. WP IP66 x PG 11 Cable Gland		J			
Cast Al. Exd. IIB T6, IP66 x ½" NPT DC Cable Gland		E			
Cast Al. Exd. IIC T6, IP66 x ½" NPT DC Cable Gland		F			
Cast Al. ATEX Exd. IIB T6, IP66 x ½" NPT DC Cable Gland		G			
Others		O			
Process Connection MOC					
SS304			N		
SS316			S		
Others			O		
Process Connection Type					
1" BSP (M) Screwed (Probe type S)				S	
1-1/2" BSP (M) Screwed (Probe Type E)				P	
1-1/2" NB ASME 150# Flange				F	
Others				O	
Probe Type					
Standard					S
Extended					E



Ordering Information

Model No. x Insertion Length x Operating Temperature & Pressure

Service

Oil, Water, Effluent water, Milk, Acids & Alkalis

All dimensions in mm except specified

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