

# Compact Vibrating Fork Switch for Liquids - CVFSL

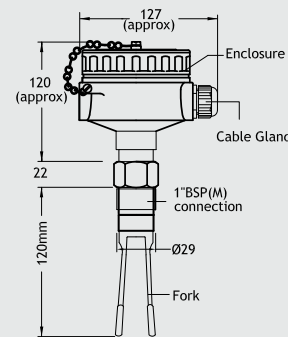
It is based on piezo driven vibrating fork technology, for detection of liquids with solid state PNP o/p for direct interface to PLC's (three wire)

## Specifications :

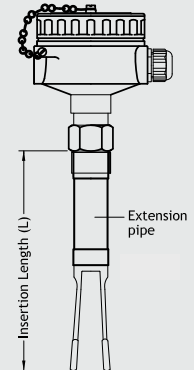
Enclosure	:	Cast Al. IP66 or Exd Gr. IIB or IIC IP66, T6 or ATEX Exd Gr. IIB IP66, T6
Cable Gland	:	Polyamide PG 11 (Weather proof) Brass 1/2" NPT Double Comp'n (Ex-proof)
Mounting	:	Top/ side
Process Conn	:	Screwed/ Flanged in SS304/ SS316
Fork MOC	:	SS316
Insertion Length (L)	:	a) Standard probe - 120 mm b) Extended probe - 175 to 2500 mm
Supply	:	24 VDC
Output	:	PNP
Power Consumption	:	3 VA
Max Temp.	:	150°C
Max Test Pressure	:	10 kg/cm <sup>2</sup>
Max Viscosity	:	1000 cst



## Std Probe



## Extended Probe



## Model Identification :

CVFSL- [ ] [ ] [ ] [ ] x Insertion length (L)

### Enclosure x Conduit Connection

Cast Al. IP66 x PG11 Cable Gland	J
Cast Al. IP66 x 1/2" NPT DC Cable Gland	K
Cast Al. IP66 x 1/2" NPT (F) Cable Entry	L
Cast Al. Ex d Gr. IIB x 1/2" NPT DC Cable Gland	E
Cast Al. Ex d Gr. IIC x 1/2" NPT DC Cable Gland	F
Cast Al. ATEX Ex d Gr. IIB x 1/2" NPT DC Cable Gland	G
Cast Al. Ex d Gr. IIB x 1/2" NPT (F) Cable Entry	M
Cast Al. Ex d Gr. IIC x 1/2" NPT (F) Cable Entry	N
Cast Al. ATEX Ex d Gr. IIB x 1/2" NPT (F) Cable Entry	Q
Others	O

### Process Connection MOC

SS304	N
SS316	S
Others	O

### Process Connection Type

Screwed 1" BSP (M)	S
Flanged x 1-1/2" NB ASME 150#	F
Others	O

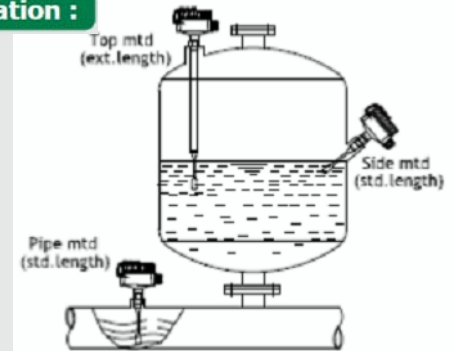
### Probe Type

Standard	S
Extended	E

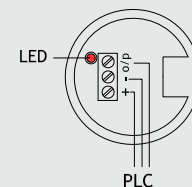
## Ordering Information :

Model No x Insertion Length x Liquid x Optg. Temp & Pressure.

## Installation :



## Termination :



\*Units in mm

## Service :

Oil, Water/ Effluent Water, Milk, Acids & Alkalies

## Pune Techtrol Pvt Ltd [CIN : U31909PN1991PTC063403]

S-18, MIDC, Bhosari, Pune - 411026. India  
 ☎ +91-20-66342900 ✉ ho@punetechtrol.com 🌐 www.punetechtrol.com  
 Works : J-52/7, MIDC, Bhosari, Pune - 411026. India ☎ +91-20-67313600  
 Custom built specs./options available on demand. We reserve the right to modify design and specifications without prior notice.

