

# Mini Vibrating Fork Switch for Liquids `MVFSL`



Is a compact and easy to install switch, suitable for detection of wide variety of liquids in tanks, containers or pipelines.

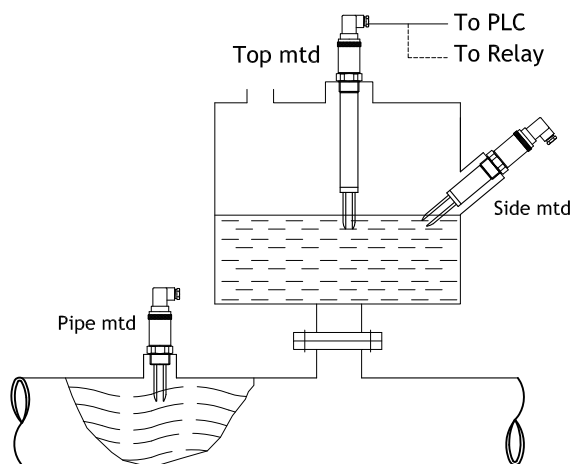
### Construction & Operation :

Vibrating fork is attached to a housing containing piezo crystal & sensing electronics. Fork vibrates at its resonant frequency, but on coming in contact with liquid, its frequency gets damped which is detected by the electronic to provide PNP switching output. This output can be used to operate a relay or as input to Programmable Logic Controller(PLC)

### Specifications :

Terminal	: DIN connector
Cable Gland	: PG9
Mounting	: Top/Side
Process Connection	: 1/2" or 3/4" or 1" BSP/NPT (M)
Housing	: SS316316
Fork MOC	: SS316
Std.Insertion Length	: 68
Extd.Instertion Length	: 1500
Resonant Frequency	: 1.8KHz
Supply	: 24VDC
Output	: PNP
Switching Indication	: Blue (Normal) Yellow (Material Status) Red (Alarm)
Max Viscosity	: 10000 cst
Min Density	: 0.7 g/cm3
Max Temperature	: 80°C
Max. temp with Standoff	: 150°C
Max. Test Pressure	: 10Kg/cm2

### Installation :

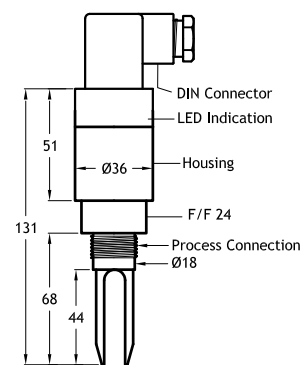


### Applications:

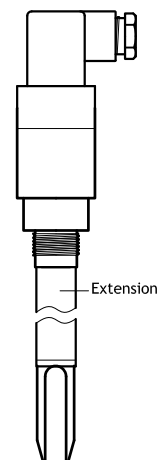
Water, Milk, Honey, Food & Beverages, Fuel/Edible Oil, Chemicals & Pesticides,



### Standard



### Extended



### Model Identification:

<b>MVFSL-</b>	[ ]	[ ]	[ ]	x Insertion Length				
<b>Process Connection</b>	1/2" BSP(M)	1/2" NPT(M)	3/4" BSP(M)	3/4" NPT(M)	1" BSP(M)	1" NPT (M)	Others	O
<b>Insertion Length</b>	Standard	Extended	S					
<b>Temperature Standoff</b>	Without	With standoff	W					
			H					

All dimensions in mm except specified

### Ordering Information :

Model No x Liquid x Viscosity x Operating Temperature x Pressure x Insertion Length

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