

## MVVF SERIES FOR LIQUIDS VIBRATING FORK LEVEL SWITCH



### Product features.

MVVF Series Vibrating Fork Level Switch consists of a piezoelectric tuning fork generating vibration on the fork and a unit that sends a signal by measuring the frequency of this frequency. The fork measures the frequency modes of motion along the contacts with the material. When the electronic unit detects the change in its frequency signal, it sends this data to the signal output.

### MVVF Series Vibrating Fork Level Switch for Liquids

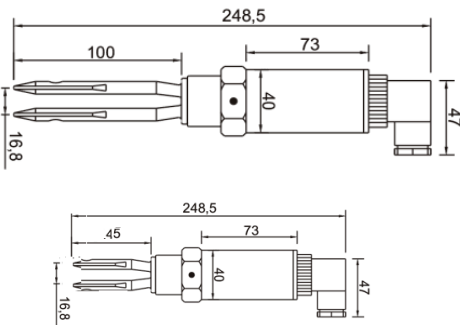
Area of use	: In non-aggressive liquids	Ambient vibration level	: V.L. according to the 4 standard
Product density	: $\geq 0.7 \text{ g/cm}^3$	Process connection	: G 1/2" male thread / G1" male thread
Product viscosity	: $< 1000 \text{ mm}^2/\text{s}$	Fork length	: 40 mm / 100 mm
Process pressure	: max 30 barg	Electrical connection	: M12 socket / DIN socket
Process temperature	: -30...+100 °C	Supply voltage	: 24 VDC / 220 VAC
Ambient temperature	: -20... +80 °C	Output signal	: PNP/NPN transistor or SPDT Relay
Ambient humidity	: $\leq 95\% \text{ RH}$	Power consumption	: $\leq 2 \text{ W}$
Fork material	: 316L stainless steel	Protection class	: IP65
Body material	: 304 stainless steel	ATEX Class	: Ex ia IIC T4...T6 (option)



### Model Coding

PRODUCT NAME	TYPE	CONNECTION	CONTACT TYPE	ENERGY SUPPLY	PROBE SIZE
MVVF	04 = 40 MM	15 = G 1/2" Male Thread	T = Transistor PNP/NPN	1 = 24 VDC / 230 VAC	D = DIN Socket / IP65
	10 = 100 MM	25 = G 1" Male Thread	S = SPDT Relay	2 = 24 VDC 3 = 230 VAC	M = M12*1 Socket 1 m cable / IP65

### Dimensions



### Electrical Connection

