


- Auto-learning function, through buttons, without calibration, for different medium with different density
- Thorough metal construction switches are sturdy and durable
- Large vibrating range and the amplitude up to 10mm for the weak sticky materials hanging on the fork
- Ultra red LED offers an immediate warning for on-site detection
- Suitable for measurement of level of liquid, particulate and dense materials



**Accessories**

Type	Socket Order No.(Only for VR4000)						Drawing No.
 L Type	C	02	L	5	C	12	E4019
	C: Cable	Length 02: 2M 05: 5M 10: 10M	Connector L: Angled	Core 4: 4 5: 5	Material R: PUR C: PVC F: FEP	Socket size 12: M12	

Type	Flange	Order No.	Drawing No.	Fixture	Order No.	Drawin No.
VR1000 VR2000 VR3000		0607F	E4020		0607X	E4022
VR4000		0608F	E4021		0608X	E4023

**Drawing**

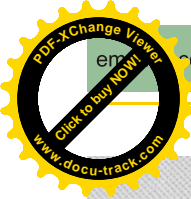
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**Order information**

VR	1	02K	22	2	S	Teflon
Series	Standard type	2000mm	24VDC±10%	Flange	Standard type	

VR	Series No. of Vibrating Fork Level Switches	
1	<b>Fork type:</b> 1:VR1000 Standard L=240 mm 2:VR2000 Extension, L=300mm~4000mm 3:VR3000 Extension with cable, L=700mm~20000mm 4:VR4000 Mini, L=127mm	Drawing No.: E4015 Drawing No.: E4016 Drawing No.: E4017 Drawing No.: E4018
02K	<b>Fork length:</b> For VR 1000 & VR 4000, this blank is 000 For VR 2000 & VR 3000, this blank should be filled in according to the length It should be displayed by K if the length is over 1000mm. (EX.1000mm=01K ; 2500mm=2K5)	
22	<b>Power input and output mode</b> 11: 20~60VDC & 20~250VAC 50~60Hz (Relay output SPDT 4A/250VAC or 4A/60VDC) 22: 24VDC±10%(4~20mA & 0-10VDC output) 33: 20~60VDC(NPN & PNP output)	
2	<b>Mounting method:</b> 1: G1-1/2"-n11 thread for VR1000~VR3000 2: Flange( thread for VR1000~VR3000) 3: Fixture( thread for VR1000~VR3000) 4: G1 thread for VR4000 5: 3/4"NPT only thread for VR1000	
S	<b>Protection type:</b> S: Standard	
T	<b>Fork materials:</b> 4: 304 stainless steel - for week acidic or alkalescent substances 6: 316 stainless steel - for hygienic or foodstuff substances T: Stainless steel with Teflon - for strong acidic or alkali substances	





- Large vibrating range, up to 10mm, can avoid of error made by weak sticky materials hanging on the fork
- With auto-learning function, it is suitable for detecting the level of tank with solids, pellets, powders, and liquid
- Capable to recognize mediums with different density
- By overcoming vibration absorption occurred while installing on the wall of tank, this level switch can avoid of error made by noise interference
- Certificate: EXd II CT6



Accessories

Type	Flange	Order No.	Drawing No.	Fixture	Order No.	Drawin No.
VE1000		0607F	E4020		0607X	E4022

Drawing

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Order information

VE	1	240	1	1	
Series	Standard type	Fork length	Input and Output	Mounting method	Fork materials

VE	<b>Ex-proof Vibrating Fork Level Switches</b>
1	<b>Fork type:</b> 1:VE1000 Standard, L=240 mm Drawing No.: E4024
240	<b>Fork length:</b> Standard length: L = 240mm Available range: L = 300~4000mm
1	<b>Power input and output mode</b> 1: 20~60VDC & 20~250VAC 50~60Hz (Relay output SPST 4A/250VAC or 4A/60VDC) 2: 24VDC±10%(4~20mA & 0-10VDC output)
1	<b>Mounting method:</b> 1: G1-1/2"-n11 2: Flange 3: Fixture 4: 3/4"NPT (other mounting is available on request)
4	<b>Fork material</b> 4: Stainless steel 304 6: Stainless steel 316 (other material is available on request)

- Flow Sensors
- Pressure Sensors
- Temperature Sensors
- Flow Meter
- Guided Radar (TDR)
- Radar Wave Level Sensors
- Ultrasonic Level Sensors
- Rotating Paddle Level Switches
- Vibrating Fork Level Switches
- Float Level Switches