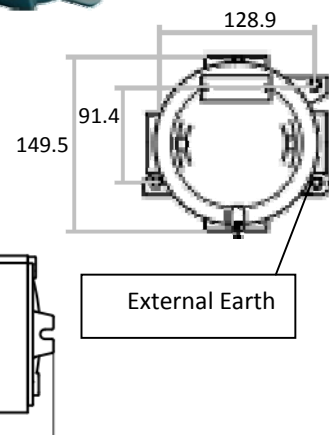


Rotating and reciprocating machines, eg., Fan, Centrifuges, Compressors, Pumps, Mills, etc. VibroEx50 can be used any where shutdown protection from damaging shock or vibration is desired. Switches are field adjustable to sensitivity required in each application. Operating in Hazardous areas.



Technical Data

- **Sensor:** any type of vibration sensor such as: CTC-AC905-1A
- **Signal Conditioner:** Amplifier/integrator to obtain velocity or displacement response
- **Frequency Response:** 1 Hz to 10 kHz (Optional)
- **Adjustable alarm and Trip Delay:** 0.5 up to 15sec
- **Temperature Limits:** -40 to 257°F (-40 to 125°C)
- **Input Power:** Nom: 24VDC, 100mA max
- **Buffered Dynamic Signal Output:** 100mv/g
- **Field Wiring:** Maximum wire gauge:10
- **Housing:** Aluminum Alloy
- **Electromagnetic Compatibility:** EMC and Safety Certificate
- **Hazardous Area Certification:** EEx ed ||c T6
- **Source Output:** 4 ~ 20mA 0.37 mA/mm/s
- **Adjustable Full Scale Range:** Single Turn Potentiometer (0-100% Full Scale Range)
- **Mounting:** 2-5ft. lbs. (3-7Nm) , Conduit Hubs (2): ½" Threaded NPT Female
- **Reset:** remote reset electrical
- **Weight:** 1.40lbs. (635grams)
- **Relay:** 2 SPDT, 1A Form C 230Vac/30Vdc



Comparison Of ABPVibro Product With other Brands:

	ABPVibro	MURPHY	Metrix	FIRE FIGHTING	ROBERT SHAW	SAMI	Wegmann
<b>Model</b>	EX50	VS2	5550	3171	EURO365-A2	VBS	VC030
<b>Full Scale Range</b>	0 ~ 10 g	9g	10g	9g	4.5g	5g	
<b>Temperature Limit</b>	-20~+75'c	-40~85'c	-40~70'c	-20~50'c	- 40'c to 60'c		-20 ~+40'c
<b>Hazard Area Rating</b>	EEx ed   c T6	EEx ed   c T6	EEx ed   c T6	EEx ed   c T6	EEx ed   c T6	EEx ed   c T6	EEx ed   c T6
<b>Contacts</b>	2 Relay SPDT Alarm,Shutdown	1 Relay SPDT, DPDT	1 Relay SPDT,DPDT	1Relay SPDT, DPDT	1 Relay SPDT	1 Relay SPDT DPDT	1 Relay SPDT,DPDT
<b>Reset</b>	Remot Reset	Local & Remot Reset	Local & Remot Reset	Local Reset	Local Reset	Local & Remot Reset	Local Reset
<b>Source Output 4~20mA</b>	4 ~20mA Output	-	4 ~20mA Output	-	-	-	-
<b>Buffer Output For Portable CM</b>	Buffer Output for Connection Box	-	Buffer Output	-	-	-	-
<b>Delay Shutdown</b>	0.5 ~15s	-	1~15s	-	-	-	-
<b>Sensor</b>	External (CTC) 100mv/g	Internal	Internal 100mv/g	Internal	Internal	Internal	Internal
<b>Frequency Response</b>	2~10kHz Optional	4Hz	2~500Hz	4Hz	0~300Hz	0~60Hz	3~4Hz
<b>Set Level Range Alarm &amp; Trip</b>	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Fix

Vibration Switch VibroEX50