

VITEC, INC.

7058 4-Channel Vibration Monitors

Electronic Enclosures^(a)

<u>Part No.</u>	<u>Input Transducer</u>	<u>Full Scale</u> ^(b)	<u>Power Input</u>	<u>Relays</u> ^(c)	<u>Analog Output</u>	<u>Filter</u>
53205-007	4060	0 - 1 in/sec	120 VAC	De-energized, Latching	--	--
53205-008	4033-400	0 - 10 mils	120 VAC	De-energized, Latching	--	--
53205-012	4033-400	0 - 1.0 in/sec	120 VAC	De-energized, Latching	--	--
53205-027	4033-400/500	0 - 1 in/sec	120 VAC	Energized, Latching	4 - 20 mA	--
53205-042	4033-400	0 - 75 mm/sec	220 VAC	Energized, Latching	4 - 20 mA	--
53205-044	4033-400	0 - 3 in/sec	24 VDC	Energized, Latching, 8 Relay Opt.	4 - 20 mA	--
53205-045	4033-400	0 - 1 in/sec	120 VAC	De-energized, Latching	0 - 5 VDC	--
53205-054	4071	0 - 0.5 in/sec	120 VAC	De-energized, Latching, 10 Sec Time Del.	0 - 5 VDC	30-150 Hz Bandpass
53205-060	4033-400	0 - 3.0 in/sec	220 VAC	Energized, Latching, 8 Relay Opt.	4 - 20 mA	--
53205-067	4033-400	0 - 20 mils	120 VAC	Energized, Latching	4 - 20 mA	--
53205-069	4033-400	0 - 1 in/sec	120 VAC	De-energized, Latching, 8 Relay Opt.	4 - 20 mA	--
53205-073	4033-400	0 - 25.4 mm/sec	220 VAC	Energized, Latching	0 - 5 VDC	--
53205-076	4034	0 - 1 in/sec	120 VAC	Energized, Latching	--	--
53205-083	4034	0 - 1 in/sec	120 VAC	De-energized, Latching, 3 Sec Time Del.	--	--
53205-084	4033-400	0 - 1.5 in/sec	120 VAC	De-energized, Latching	4 - 20 mA	--
53205-085	4033-400	0 - 2 mils	120 VAC	Energized, Latching, 8 Relay Option	4 - 20 mA	--
53205-094	4060	0 - 10 mils	120 VAC	Energized, Latching	0 - 5 VDC	40-300 Hz Bandpass
53205-096	4060	0 - 10 mils	24 VDC	Energized, Latching	0 - 5 VDC	40-300 Hz Bandpass
53205-097	4071	0 - 3 G's	120 VAC	De-energized, Latching	0 - 5 VDC	--

(a) Applicable transducers listed below. No cable assemblies or cable plus connector assemblies are included.

(b) Acceleration = G's Pk; Velocity - in/sec Pk; Displacement = mils Pk-Pk.

(c) 1 second time delay unless otherwise noted.

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Part No.	Input Transducer	Full Scale ^(b)	Power Input	Relays ^(c)	Analog Output	Filter
53205-098	4034	0 - 1 in/sec	120 VAC	De-energized, Latching	4 - 20 mA	--
53205-099	4034	0 - 1 in/sec	120 VAC	De-energized, Latching	--	--
53205-102	4034	0 - 1 in/sec	120 VAC	De-energized, Latching	4 - 20 mA	--
53205-112	NC Probe	0-10 mils	120 VAC	8-Relay Opt. De-energized, Latching	--	--
53205-116	4033-400	0-10 mils	120 VAC	De-energized, Latching	4 - 20 mA	--
53205-118	4071	0 - 1 in/sec	120 VAC	Energized, Non-latching, 8 Relay Opt, 5 Sec. Time Del.	--	--
53205-122	4073	0 - 1 in/sec	120 VAC	De-energized, Latching	--	--
53205-123	4060	0 - 10 mils	120 VAC	De-energized, Non-latching 8-Relay Opt.	4 - 20 mA	40-300 Hz Bandpass
53205-124	4073	0 - 1 in/sec	120 VAC	De-energized, Latching	4 - 20 mA	--
53205-125	4060	0 - 10 in/sec	24 VDC	De-energized, Latching	4 - 20 mA	70 Hz, 12dB/ Octave Rolloff
53205-126	NC Probe	0 - 3 mils	24 VDC	De-energized, Latching	4 - 20 mA	--
53205-127	4071	0 - 1 in/sec	120 VAC	De-energized, Latching, 10 Sec Time Del.	4 - 20 mA	--
53205-128	4032-300	0 - 3 in/sec	120 VAC	Energized, Latching	4 - 20 mA	--
53205-129	4060	0 - 1 in/sec	120 VAC	De-energized, Latching, 8 Relay Opt.	4 - 20 mA	--
53205-130	4073	0 - 1 in/sec	120 VAC	De-energized, Latching	0 - 5 VDC	--
53205-131	4073	0 - 2 in/sec	120 VAC	De-energized, Latching	0 - 5 VDC	--
53205-132	4060	0 - 10 mils	120 VAC	De-energized, Latching	4 - 20 mA	40-300 Hz Bandpass
53205-133	4073	0 - 3 in/sec	120 VAC	Energized, Latching 8 Relay Opt.	4 - 20 mA	--
53205-135	4073	0 - 3 in/sec	120 VAC	Energized, Latching	4 - 20 mA	--
53205-136	4033-400	0 - 1 in/sec	220 VAC	Energized, Latching	4 - 20 mA	--

(b) ibid.

(c) ibid.

<u>Part No.</u>	<u>Input Transducer</u>	<u>Full Scale^(b)</u>	<u>Power Input</u>	<u>Relays^(c)</u>	<u>Analog Output</u>	<u>Filter</u>
53205-137	4073	0 - 1 in/sec	120 VAC	Energized, Latching, 8 Relay Opt.	4 - 20 mA	--
53205-138	4073	0 - 25.4 mm/sec	220 VAC	De-energized, Latching, 8 Relay Opt.	4 - 20 mA	--
53205-139	Metrix 5485C-08	0 - 10 mils	24 VDC	De-energized, Latching	4 - 20 mA	--
53205-140	4073	0 - 25.4 mm/sec	24 VDC	De-energized, Latching, 8 Relay Opt.	4 - 20 mA	--
53205-142	4033-400	0 - 3 in/sec	24 VDC	Energized, Latching	4 - 20 mA	--
53205-143	4071	0 - 10 G's	120 VAC	De-energized, Latching	4 - 20 mA	--
53205-144	764 mV/in/sec	0 - 10 mils	120 VAC	Energized, Latching	4 - 20 mA	40-300 Hz Bandpass
53205-145	4033	0 - 25 mm/sec	24 VDC	Energized, Latching, 10 sec Time Del.	4 - 20 mA	--
53205-146	4071	0 - 0.5 in/sec	120 VAC	De-energized, Latching, 10 sec Time Del.	4 - 20 mA	30-150 Hz Bandpass
53205-149	NC Probe	0 - 3 mils	120 VAC	Energized, Latching, 8-Relay Opt.	--	--
53205-150	4060	0 - 25 mm/sec	220 VAC	De-energized, Latching	4 - 20 mA	--

Relay Card Assembly

53253-2	--	--	--	8 Relays	--	--
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Transducers: Accelerometers, Velocity and Noncontact Probes

<u>Part No.</u>	<u>Product No.</u>	<u>Output Units</u>	<u>Appln. Temp., F (C)</u>
<u>Velocity Transducers</u>			
412585-159A	4034	403 mV/in/sec	160 (71)
602885-49R	4033-400	200 mV/in/sec	400 (204)
602885-49Y	4033-500	200 mV/in/sec	500 (260)
<u>Accelerometers</u>			
412790-39A	4071	100 mV/G	185 (85)
412790-77A	4073	100 mV/G, Constant Current	250 (121)
602885-46RA	4060	1,050 pc/G	400 (204)
602885-46RR	4064	1,050 pc/G	550 (288)

Noncontact Probe

Contact Factory.

(b) ibid

(c) ibid

Mini Specification

1. 4 independent channels of vibration monitoring
2. One enclosure contains the electronics
3. All four channels must use the same type of transducer
4. Common front panel meter with channel selector switch to indicate current channel selected transducer reading

Field Adjustable Characteristics

1. Independent alarm setpoint for each channel
2. Independent shutdown (trip) setpoint for each channel

Field Selectable Characteristics

1. Eight(d) relays for use to indicate
 - Alarm setpoint exceeded
 - Shutdown (trip) setpoint exceeded
 - Transducer malfunction condition

Optional Accessories

79904-137A

412554-258

Dust and Liquid Tight Cover

30 Second Start Up Time Delay