

Vibration Transmitters

Economical for continuous monitoring of all machines

- Solid-state circuitry
- Two-wire 4 to 20 mA signal format
- Same wiring for both power and vibration signal
- Connects in series with DC power supply and measurement devices
- Works with single-loop monitors
- Rugged NEMA 4 weatherproof case

MORE
options available.

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Applications

- Fans, motors, pumps and compressors
- Controlling vibrating conveyors
- General purpose machinery
- Hazardous environments



98863-14



98863-15

SPECIFICATIONS	
Frequency range	7 to 1300 Hz to -3 dB (420 to 78,000 rpm)
Output	4 to 20 mA
Supply voltage (Vs)	14 to 50 VDC Unregulated black lead/terminal = negative (-), Red lead/terminal = positive (+) with reverse voltage protection
Circuitry	Solid-state encapsulated in hardened epoxy compound
Max. loop resistance	$R_L = 50 (V_s - 14)$ ohms
Isolation	500 V, circuit-to-case
Case material	Plated steel, NEMA 4, weatherproof
Mounting	1/2" NPT thread or 1/4-20 stud x 1/2" deep

Catalog No.	Model No.	Description
TS-98863-14	191-1	Vibration transmitter, 0 to 1 in./s (0 to 25.4 mm/s)
TS-98863-15	191-2	Vibration transmitter, 0 to 2 in./s (0 to 50.8 mm/s)
TS-98863-11	191-5	Vibration transmitter, 0 to 5 in./s (0 to 127 mm/s)
Accessories		
TS-17111-66	—	NIST-traceable calibration with data

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