ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Balmac 191-2* at our website: *Click HERE*

Model 191 Series Vibration Transmitters

Features:

- UL Listed for Intrinsic Safe Use
- 4-20 mA Output for Vibration Velocity
- Two-Wire, Loop Powered
- Interface with PLC, DCS or 4-20 mA monitor
- Rugged NEMA 4 weather-proof case

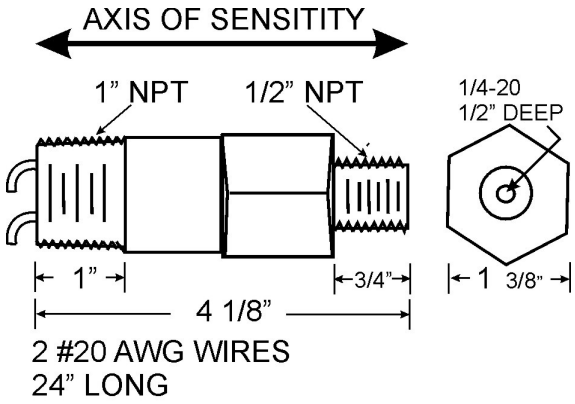


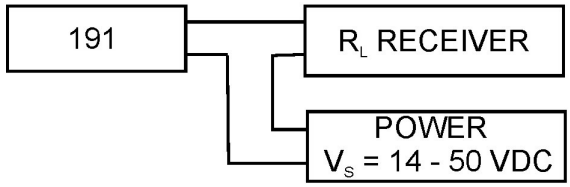
Applications

Fans, Motors, Pumps, Compressors
Controlling Vibrating Conveyors
General Purpose Machinery

Specifications:

Model 191-1	0 - 1 in/sec (0 - 25.4 mm/sec) (peak)
Model 191-2	0 - 2 in/sec (0 - 50.8 mm/sec) (peak)
Model 191-5	0 - 5 in/sec (0 - 127 mm/sec) (peak)
Model 191-X	Special Order Example: 191-25 = 0 - 25 in/sec (0 - 635 mm/sec)
Frequency	7 - 1300 Hz to -3 dB 420 - 78,000 RPM
Output	4 - 20mA proportional to overall vibration (an output of 4mA indicates 0 in/sec or no vibration while an output of 20mA indicates the maximum full scale range is present)
Supply Voltage	14 to 50 Vdc Red lead/terminal = positive (+) Black lead/terminal = negative (-) With reverse voltage protection
Circuitry	Solid-state, encapsulated in hardened epoxy
Adjustment	Span and Zero
Max. Loop Resistance	$R_L = 50 (V_S - 14)$ ohms
Isolation	500 V, circuit to case
Temperature	-20°C to 85°C (-4°F to 185°F)
Weight	13.6 oz. (387 grams)
Case Material	Plated Steel, NEMA 4 weatherproof
Mounting	½ inch NPT pipe thread, or, 1/4-20 stud x ½ inch deep





INTRINSICALLY SAFE VIBRATION TRANSMITTER FOR USE IN HAZARDOUS LOCATION CLASS 1, GROUPS A, B, C AND D; CLASS II, GROUPS E, F, AND G; CLASS III WHEN INSTALLED IN ACCORDANCE WITH BALMAC CONTROL DRAWING B-11812.

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Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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