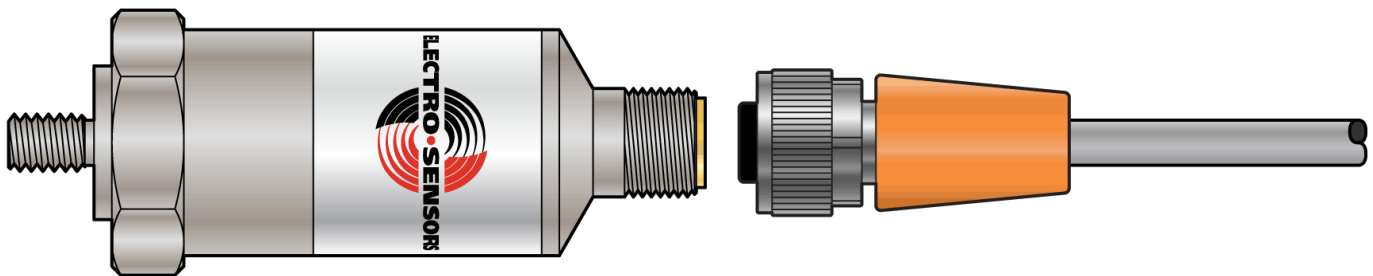




# VT420-e-02-M12

**Vibration Velocity Sensor**

**2-wire 4-20mA**



6111 Blue Circle Drive  
Minnetonka, MN 55343  
Phone: 952-930-0100  
Fax: 952-930-0130  
ISO 9001:2015 Certified

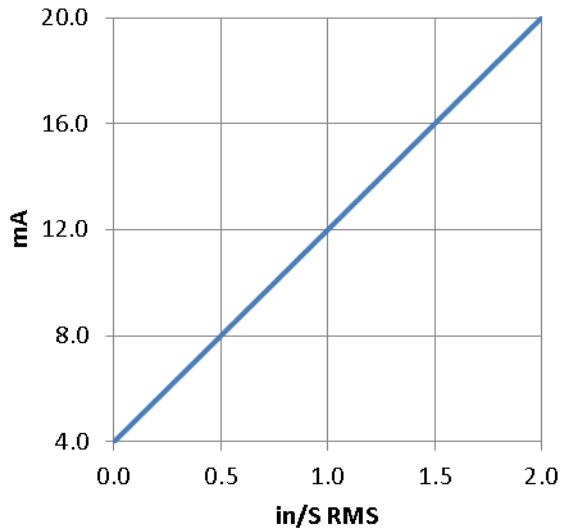


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**990-007100 Rev A**

**Model/part number**

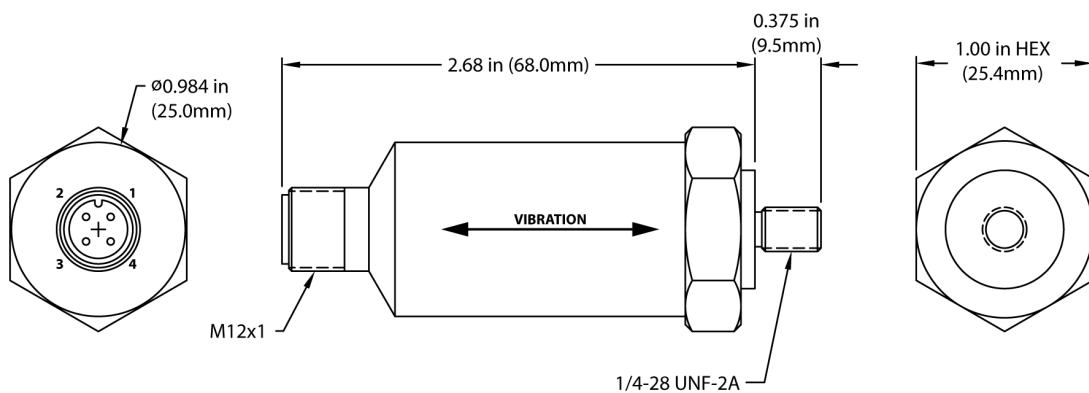
VT420-e-02-M12-A0

**Operation**



**Specifications**

Full-scale range	2 in/S RMS	
Signal (terminals 1, 2)	$I = (\text{in/s RMS}) * 8\text{mA} + 4\text{mA}$	$\text{in/s RMS} = (I - 4\text{mA}) / 8\text{mA}$
Vibration frequency range	10 → 1000 Hz (≥ -3db)	
Accuracy	±5% max error (full scale @ 100Hz)	
Operating volts	6.5 → 30Vdc	(24Vdc recommended loop power)
Environmental	IP65, NEMA 4X, -40 → 80°C	
Housing	Stainless Steel, ¼-28 mounting stud	
Connector	M12, 4-pin, male, A-code	
	pin 1	(+)
	pin 2	(-)
	pin 3	(not connected)
	pin 4	(not connected)



**Approvals**

**Not yet approved I.S.**