

# Vibration Transmitter VT-20

## 4–20mA Velocity RMS transducer for PLC/DCS interface

### Key Features

- For use with PLC / DCS / Local Display controllers
- Customizable features
- 4-20mA Velocity output
- Stainless steel material suitable for various complicated environment

### Applications

- Thermal power plant
- Pulp and Paper
- Automotive
- Cement Plants,
- Mining, Pharmaceutical



General purpose, top-entry velocity transducer with DC output. Made stainless steel throughout for continuous vibration monitoring in various complicated environments. Internal electronics are enclosed and isolated to minimize noise. Industry standard 4-20mA output proportional to vibration velocity RMS that can connect directly to PLC, DCS and other industrial controllers.

### **Specification:**

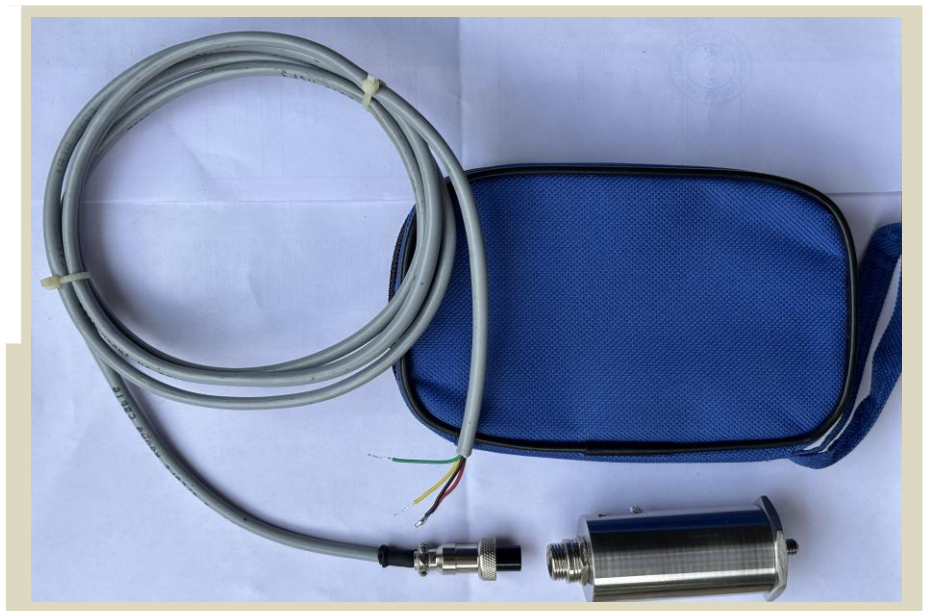
Model	MCM – VT20
Item	Vibration Transmitter
Output current	4-20mA DC proportional to RMS Velocity mm/s
Frequency response	10 -1000Hz
Output impedance	<500 ohm
Axis	Single (Standard)
Operating temperature	-20 to 80°C
Electrical connector	Aviation plug
House material	Stainless steel , IP65
Weight	135gms
Size	30x35x66mm
Power supply	24V DC
Isolation	Outer casing isolation
Connector type	M10 x1.5, water-proof
Vibration range Customizable	Vibration Velocity : 0 - 10mm/s
	Vibration Velocity: 0 - 20mm/s
	Vibration Velocity: 0 - 40mm/s
	Vibration Velocity: 0 - 50mm/s
Standards	Conforms to ISO 10816 - 3

#### Standard Supply:

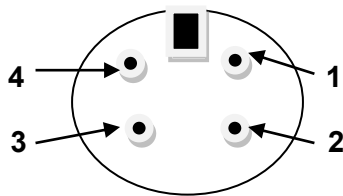
- Vibration Transmitter VT-20
- Connecting Cable (1mtr) with Aviation plug
- Calibration Certificate
- Instruction sheet
- Warrantee card
- Pouch

#### Optional Accessories:

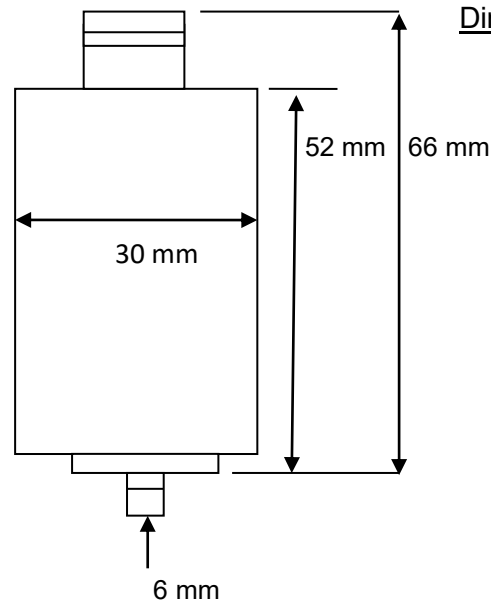
- Power supply Adaptor(24V DC)
- Magnetic base
- Cable extra length
- Display unit
- Junction box



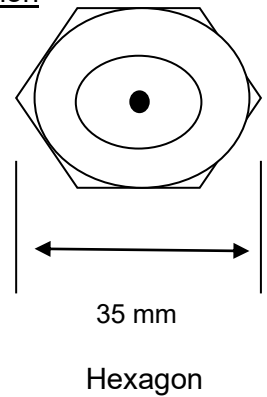
#### M10 male Connector



- 1 = 24V DC
- 2 = GND
- 3 = + } 4-20mA
- 4 = - } Output



#### Dimension



Technical Data are subject to change without notice



## **MCM INSTRUMENTS**

(An ISO 9001:2015 Certified Company)

Office: Plot No: 146, Phase-1, Mytri Nagar, Madinaguda, Hyderabad-500 118, TS, INDIA .  
Works: Plot No.82, MCM BHAVAN, Sai Anurag Colony, Nr.Sri Chaitanya IIT Academy Lane, Bachupally, Hyd-500090.  
Email: [info@mcmstruments.com](mailto:info@mcmstruments.com) / [mcm\\_instrument@yahoo.co.in](mailto:mcm_instrument@yahoo.co.in)

**For Products Catalogs log on to [www.mcmstruments.com](http://www.mcmstruments.com)**

Tel: + 91 9440845436, +91 9440375328

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