

# *Vibration Monitors*

Ref No: B1VA0003

## *... Budget Priced Systems*

### **VM42 Vibration Monitor**

#### **Features**

- Measures vibration levels and signals excessive vibration using pre-set alarms
- Available in single or dual channel
- Selectable measuring range
- Selectable low frequency range
- Two alarm levels with relays
- Selectable time delay, between 8-90 seconds
- 4-20mA output signal
- LCD display
- IP65 PVC enclosure
  
- Optional extras include:
  - customer specified frequency and measuring ranges
  - adaption for proximity probes
  - adaption for temperature measurements



#### **Specifications**

Input sensitivity:	100mV/g (4mA constant current at 20V max)
Frequency range:	1.5 – 2000Hz as standard
Analysis output:	10mV (mm/s) between 1.5Hz – 15KHz or 10Hz – 15KHz (minimum load of 10Kohm)
Measurement range:	selectable between 10 – 100mm/s
Power supply:	220 – 240VAC as standard (110VAC or 24VDC is optional)
Relay output:	single pole changeover 5 Amp/250 VAC (dual channel has shared relays for both channels)

Part #	Description
VM42-1/A	Single Channel Vibration Monitor for Accelerometer with built-in amplifier, BNC output with acceleration signal.
VM42-2/A	Dual Channel Vibration Monitor for Accelerometer with built-in amplifier, BNC output with acceleration signal.

#### **Terms and Conditions**

Delivery: - Ex-Works Melbourne Generally 4-6 weeks  
 Terms: - Net fourteen (14) days from date of invoice for credit account customers  
 Condition of Sale: - Property in these goods does not pass until this invoice has been paid in full  
 OVERSEAS Companies: - 100% Prepayment Required  
 Cancellation & Returned Equipment: - Orders may only be cancelled by purchaser upon Sigma - MSc's written consent and upon payment of a 20% cancellation/restocking fee.  
 NOTE: Prices subject to change without notice  
 3% Charge Applies for Credit Card and Administration Fee (VISA, MasterCard)  
 10% GST Applies where applicable



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