

ALARM INTERVALS

Tab1.

ISO 20816-3		Medium Machines Group 2		Large Machines Group 1	
Velocity		Rated Power			
in/sec eq. Peak	mm/sec RMS	15 kW - 300kW		300 kW and Up	
0,61	11,0	DAMAGE OCCURS			
0,39	7,1				
0,25	4,5	RESTRICTED OPERATION			
0,19	3,5	UNRESTRICTED OPERATION			
0,16	2,8				
0,13	2,3	NEWLY COMMISSIONED MACHINERY			
0,08	1,4				
0,04	0,7				
0,00	0,0				
Foundation		Rigid	Flexible	Rigid	Flexible

A  B  C  D 

- ✓ Shown above is a table regarding the alarm thresholds defined by the ISO 20816-3 standard.
- ✓ Different thresholds can be easily programmed for each channel (vibration, process)

PREDICTIVE AND PROCESS MONITORING SYSTEM

4SV-MV26



M.V. Industrial Group

Via La Spezia, 218 (43126) Parma Tel. 0521-573327

Mail: mv@mv-ig.com www.mv-ig.com

MODEL: 4SV-MV26

Components

1. Technopolymer box halogen-free (IP-65)
2. PLC
3. Alarm Buzzer
4. Fuse holder
5. Silence Alarm Button
6. Process Sensors(4)
(Vibration, Pressure, Temperature, Lubrication, etc.)

*Also available:

- 3 digital inputs
- 3 digital outputs
- Communication Protocol:
 - Modbus TCP
- Physical port: Ethernet (502-510)

*Optional:

- Industrial Communications Routers
(4G, Wi-Fi, Cloud, etc.)



Considerations

- L+ = 24 VDC
 - 4 Analog Inputs Provided:
 - ✓ AI1, AI2, AI3, AI4.
 - 4 thresholds are defined for each vibration signal (Tab.1) or process signal:
 - ✓ **EXCELLENT (A):**
New machinery.
 - ✓ **SATISFACTORY (B):**
Unlimited operation.
 - ✓ **ALERT (C):**
Reserved operation.
 - ✓ **DANGER (D):**
Damage occurs.
 - The measured values and related alarm thresholds are displayed on the screen.
- *Optional:
- Power supply: 90 - 264VAC / 47 - 63HZ