

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				
0,16	2,8	UNRESTRICTED OPERATION			
0,13	2,3				
0,08	1,4	NEWLY COMMISSIONED MACHINERY			
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.
- ✓ A different threshold can easily be programmed for the vibration channel.

PREDICTIVE AND PROCESS MONITORING SYSTEM

BoxAlum_1SV-MV26



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MODEL:

BoxAlum_1SV-MV26

Components

1. Aluminum Box (IP-66)
2. Sensor HS-429 (4-20mA)
3. Lamp
4. Alarm Buzzer
5. Alarm reset button
6. Vent valve
7. Input and output cable glands
8. Fuse terminal blocks
9. Relay



Considerations

- L+ = 24 VDC
- 1 analog input provided
- 1 analog output 4-20mA
- 1 relay output
- False trigger delay
- One threshold is defined **for each** vibration signal (Tab.1) and 1 analog signal 4-20mA:

✓ **ALLERT (C):**
Restricted operation.

*Optional:

- Power supply: 90 - 264VAC / 47 - 63HZ

