

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_CMPT-MV26



M.V Industrial Group

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MODEL:

4SV_CMPT-MV26

Components

1. Polyester box (IP-65)
2. PLC-HMI (versions: 4.3" - 7")
3. Alarm Buzzer
4. Fuse holder
5. Silence Alarm Button
6. Process Sensors (4) (Vibration, Pressure, Temperature, Lubrication, etc.)

* Also available:

- 2 Analog outputs (0-10V / 0-20mA)

- Version 4.3":

12 digital inputs

12 digital outputs

- Version 7":

24 digital inputs

20 digital outputs

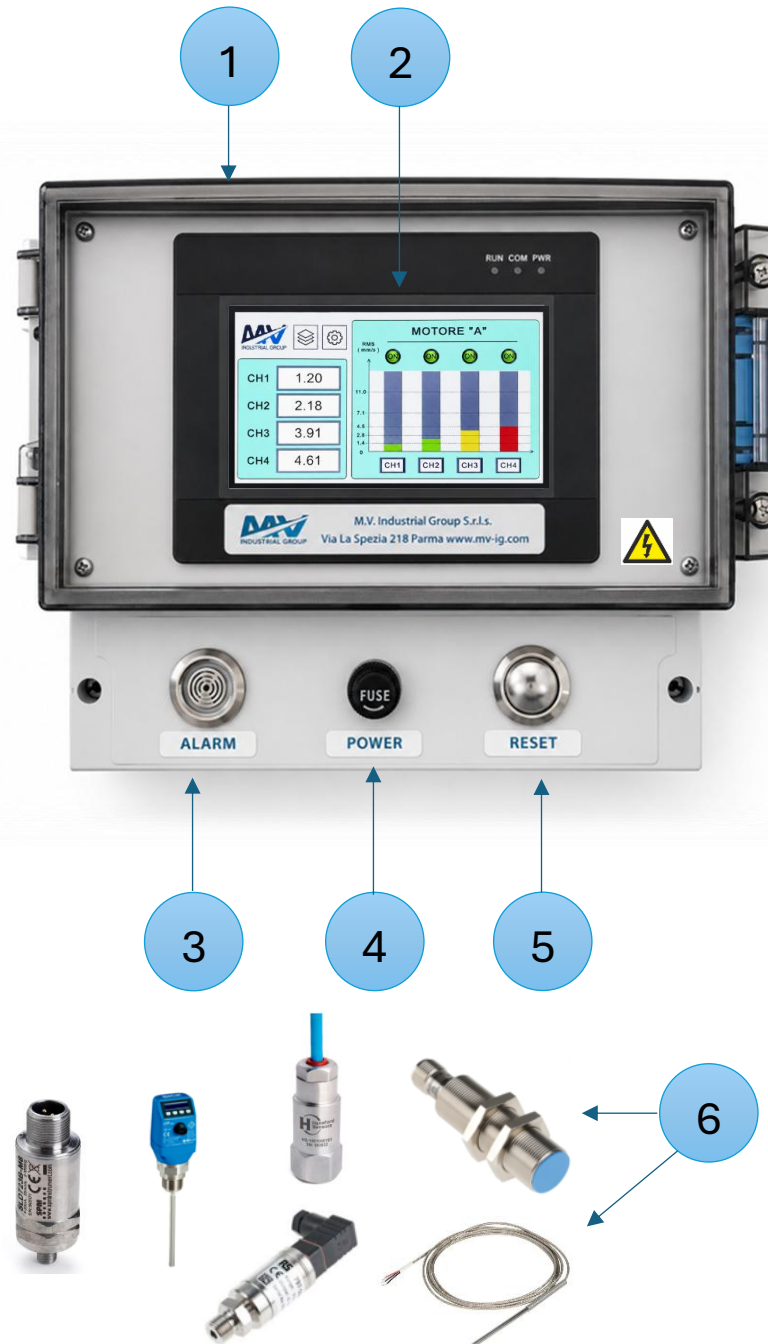
- Communication Protocol:

- Modbus RTU

- Physical ports: RS232 / RS485

*Optional:

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



Considerations

- L+ = 24 VDC
- 4 Analog Inputs Provided:
 - ✓ AD0, AD1, AD2, AD3.
- 4 thresholds are defined for each vibration signal (Tab.1) or process signal:
 - ✓ **EXCELLENT (A):**
New machinery.
 - ✓ **SATISFACTORY (B):**
Unrestricted operation.
 - ✓ **ALERT (C):**
Restricted operation.
 - ✓ **DANGER (D):**
Damage occurs.
- The measured values and related alarm thresholds are displayed on the screen.

*Optional:

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