

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_RUT_2A-MV26



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MODEL:

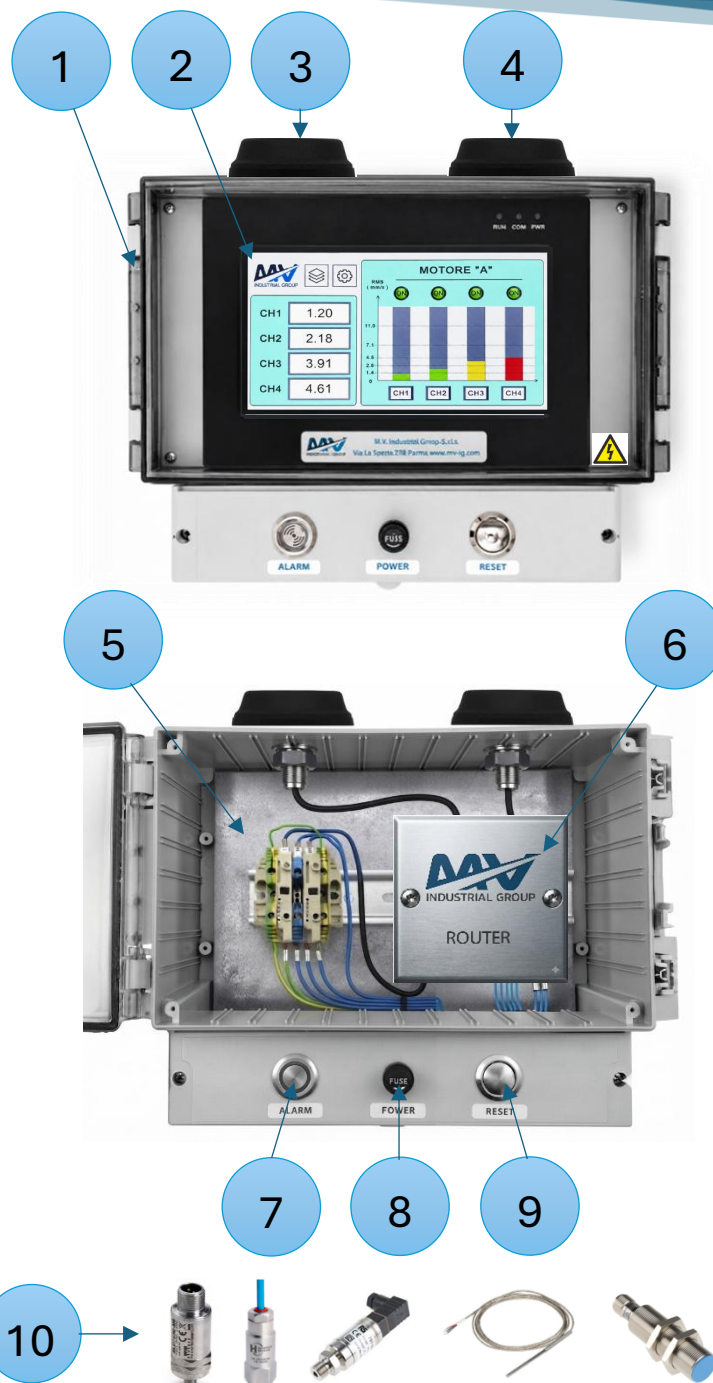
4SV_CMPT_RUT_2A-MV26

Components

1. Polyester box (IP-65)
2. PLC-HMI (7")
3. Wi-Fi antenna
4. 4G antenna
5. Terminal block
6. Industrial Communications Router (4G, Wi-Fi, Cloud, etc.)
7. Alarm Buzzer
8. Fuse holder
9. Silence Alarm Button
10. Process Sensors (4) (Vibration, Pressure, Temperature, Lubrication, etc.)

* Also available:

- 2 Analog outputs (0-10V / 0-20mA)
- 24 digital inputs
- 20 digital outputs
- Communication Protocol:
 - Modbus RTU / TCP
- Physical ports: RS232 / RS485 / Ethernet



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.
- Real-time local and remote monitoring.
- Automatic alerts: Email / SMS notifications for WARNING(C) or DANGER(D).
- Cloud integration.

*Optional:

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