

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)

SENSORS WIRELESS & WIRED

Image 1.



PREDICTIVE AND PROCESS MONITORING SYSTEM 4SV_CMPT_RUT_3A_GW-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_CMPT_RUT_3A_GW-MV26

Components

1. Polyester box (IP-65)
2. PLC-HMI (7")
3. Bluetooth antenna
4. Wi-Fi antenna
5. 4G antenna
6. Phantom Gateway 2.0
7. Industrial Communications Router (4G, Wi-Fi, Cloud, etc.)
8. Alarm Buzzer
9. Fuse holder
10. Silence Alarm Button
11. Process Sensors (4) (Vibration, Pressure, Temperature, Lubrication, etc.)

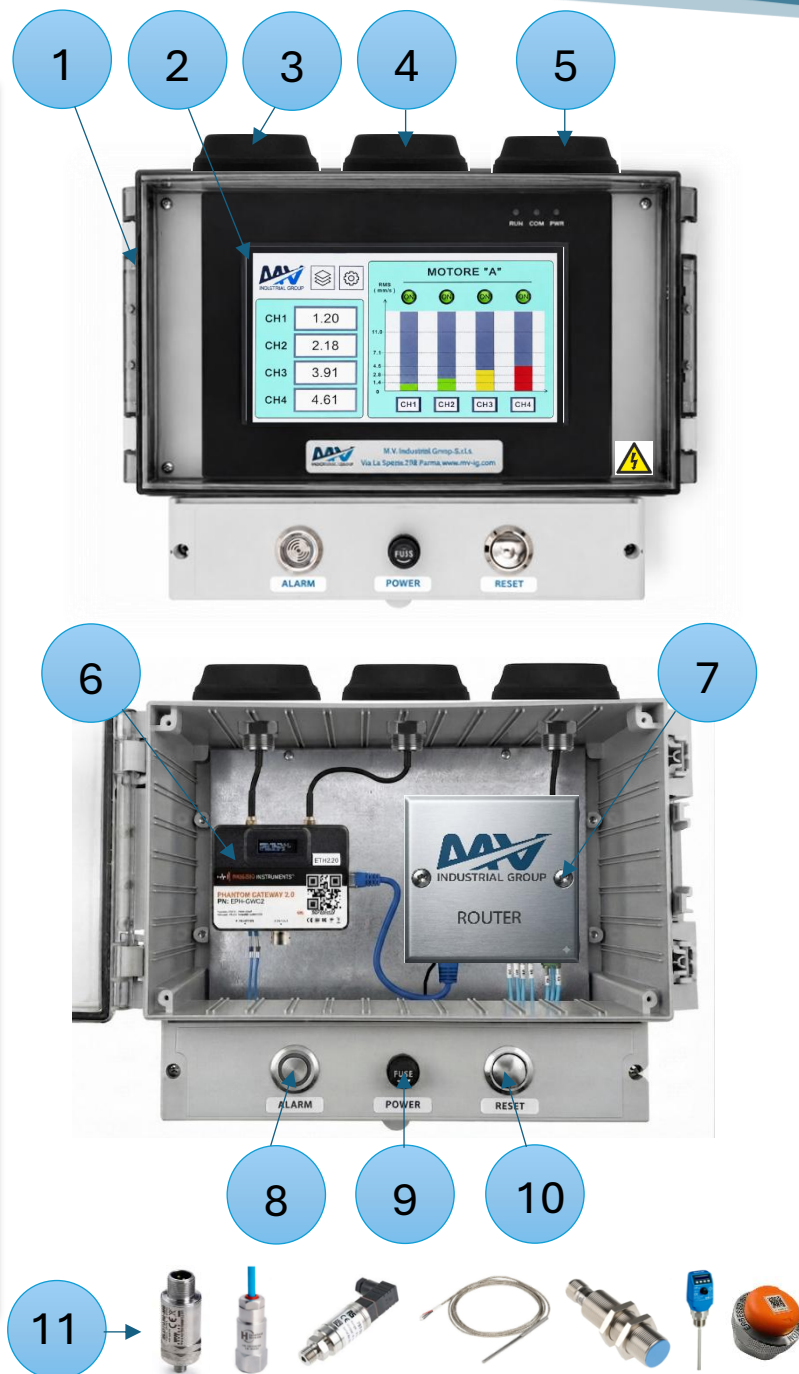
* Also available:

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

- Communication Protocol:

- Modbus RTU / TCP
- OPC-UA
- MQTT

- Physical ports: RS232 / RS485 / Ethernet



Considerations

- L+ = 24 VDC
- 4 Analog Inputs Provided:
✓ AD0, AD1, AD2, AD3.
- Wireless sensor connection via the Gateway. (Image 1)
- Real-time local and remote monitoring.
- Greater measurement coverage: the Gateway allows you to monitor distant or hard-to-access equipment without additional wiring.
- 4 thresholds are defined for each vibration signal (Tab.1) or process signal.
- The measured values and related alarm thresholds are displayed on the screen.
- Automatic alerts: Email / SMS notifications for WARNING(C) or DANGER(D).
- Cloud integration.

*Optional:

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