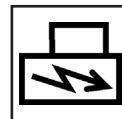




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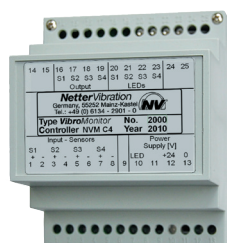
Netter Vibration Monitoring System Series *VibroMonitor*



- Monitoring the operation of vibrators and impactors
- Constant checkup of vibration systems
- Control unit mounted on M36-DIN rail



NVM C1W




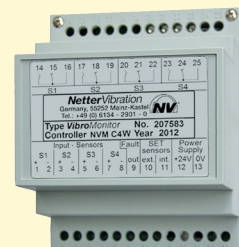
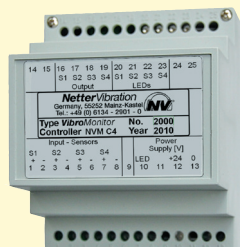

NVM C4

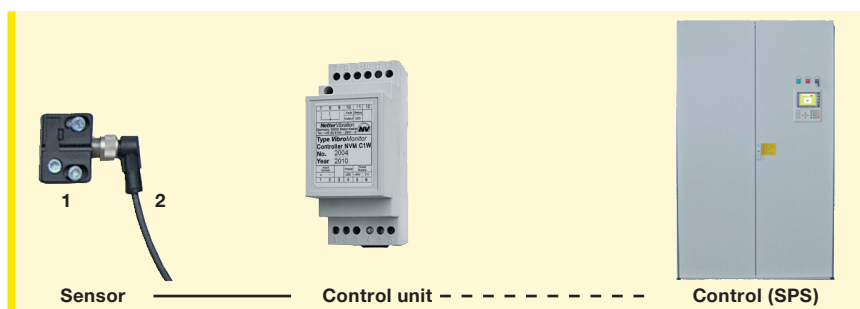


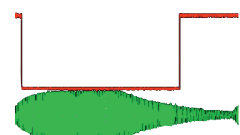
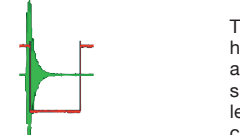
NVM S10



Netter Vibration Monitoring System Series *VibroMonitor*

<i>VibroMonitor</i>	NVM C1W Control unit	NVM C4W Control unit	NVM C4 Control unit	NVM S10 Sensor
				
Sensor inputs	1 x unpolarised	4 x unpolarised	4 x unpolarised	
Relay outputs	1 x potential free change-over	4 x potential free change-over	–	
Digital outputs	1 x sensor status, NPN, max. 1 A		4 x sensor status, NPN, max. 8 mA	
Setting	–	2 x SET inputs	–	
Status-LEDs	1 x operating voltage control		1 x operating voltage control	
	1 x sensor status	8 x sensor status	4 x sensor status	
Fault	1 x Fault output (cable break or short circuit)		4 x visual indicators	
Dimensions H x W x D	70 x 35 x 90 mm	70 x 70 x 90 mm	70 x 70 x 90 mm	
Mounting	M36-DIN-standard rail (EN50022)			
	<p>Accessories</p> <ol style="list-style-type: none"> Sensor clamp support in plastic or rubberised stainless steel pipe clamp. Elbow connector M12 x 1 or sensor connector cable with cast elbow connector M12 x 1 			



Vibrator monitoring	Impactor monitoring
 <p>The <i>VibroMonitor</i> output (red) shows the acceleration (green) exceeding the switching threshold* of 9,81 m/s². *Can be adjusted in the factory.</p>	 <p>The <i>VibroMonitor</i> output (red) holds its status for at least 450 ms. and therefore reliably records even short impacts (green). This signal length is treatable by standard commercial SPCs.</p>

Applications

The vibration monitoring system series *Vibro-Monitor* is used for the constant monitoring of impactors, vibrators and vibrating systems.

The *VibroMonitor* system reliably monitors the operation of vibrators and impactors, even in locations with difficult access.

Design and function

The vibration monitoring system consists of sensor, connector cable and control unit. The control unit ensures the safe transmission of the sensor signal up to a maximum cable length of 250 m. Depending on the version up to 4 sensors can be supplied by a control unit.

The system displays two operating status informations per sensor: "Vibration" or "No vibration".

Permissible operating conditions

Operating voltage:

24 V DC (+20% / -10%), < 5% residual ripple

Ambient temperature:

C1W and C4W: 0°C to 40°C

C4 and S10: -20°C to 40 °C

NetterVibration offers the accessories required for the mounting, installation, control and monitoring of vibrators and impactors.

Netter provides solutions.

Consult our experienced application technicians.

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