

Kennzeichnung CE

PulseNG Sensor

Lieferumfang:

PulseNG Plus Sensor
Part# 720200



Lieferbare Ersatzteile, Zubehör:	
PulseNG Plus Sensor	Part# 720200
Extension cable 5 m	Part# 720003
Extension cable 10 m	Part# 720004
Extension cable 25 m	Part# 720018
4 magnets with screws*	Part# 720038
optional *	

3 axis acceleration sensor	
Dimensions (HxWxD in mm)	ca. 30 x 49 x 11
Housing	Cast aluminum
Weight	approx. 100 g
Protection class	IP67
Temperature range	Operation 0 bis 70 °C Storage -40 bis 70 °C
Relative humidity	0 bis 100 %
Connection	M8 4-pin male plug Ø 10 mm
Sensor type	MEMS
Measurment range	± 160 m/s² (± 16g)
Resolution (± 2 G / ± 4 G / ± 8 G /± 16 G)	0,061 / 0,122 / 0,244 / 0,488 mg/LSB
Frequency range	0 - 13,3 kHz
Sensor resonant frequency	6,9 kHz
Acceleration noise density	190 µg/√Hz
Signal sampling rate	26667 values / second per axis
Shock resistance	100000 m/s² for up to 0,2 ms
Temperature sensor	0 - 70 °C, absolute error 1 °

The *PulseNG* sensor will be permanently mounted in the machine and is connected to the basic unit interface via the connection cable listed above.

When using the *PulseNG* Plus Sensor in combination with a USB adapter, the following settings must be changed in the Device manager under Ports (COM & LPT) -> USB Serial Port (*COMPORT - e.g. COM3*) to avoid communication errors.
Open the properties with the right mouse button on the USB serial port.
Click on the „Advanced...“ button in the Port Settings tab.
In the opened window under „BM settings“ change the „Latency timer“ from the standard 16ms to 1ms!

All warnings and other important, detailed information must be obtained from the operating manual. This document is not subject to an automatic revision service.

Montronix GmbH
Gottlieb-Daimler-Str. 53/1
D-71711 Murr
Germany

Telephone: +49 7144 15086 30
Fax: +49 7144 15086 31
E-Mail: info@montronix.de
Internet: www.montronix.com