

## Special Features

- Continuous recording of vibrations and accelerations
- Suitable for all ARTIS monitoring systems
- Degree of protection IP66/IPx7, resistant to coolant lubricants
- Simple mounting due to small dimensions
- ICP® interface  
(ICP® is a registered trademark of PCB Group, Inc.)



Illustration similar

## VIBRATION- AND ACCELERATION SENSORS

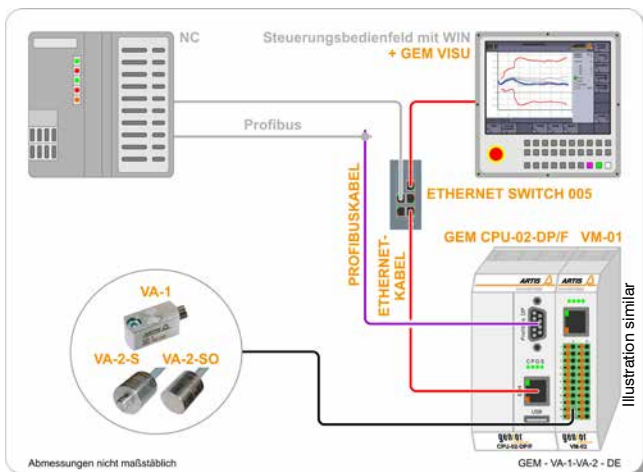


Illustration similar

Application example:  
VA-XX and VG-4 with the CTM Tool and Process Monitoring System

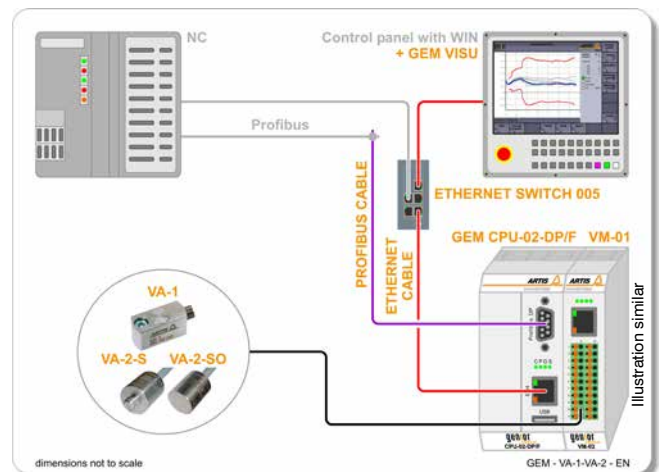
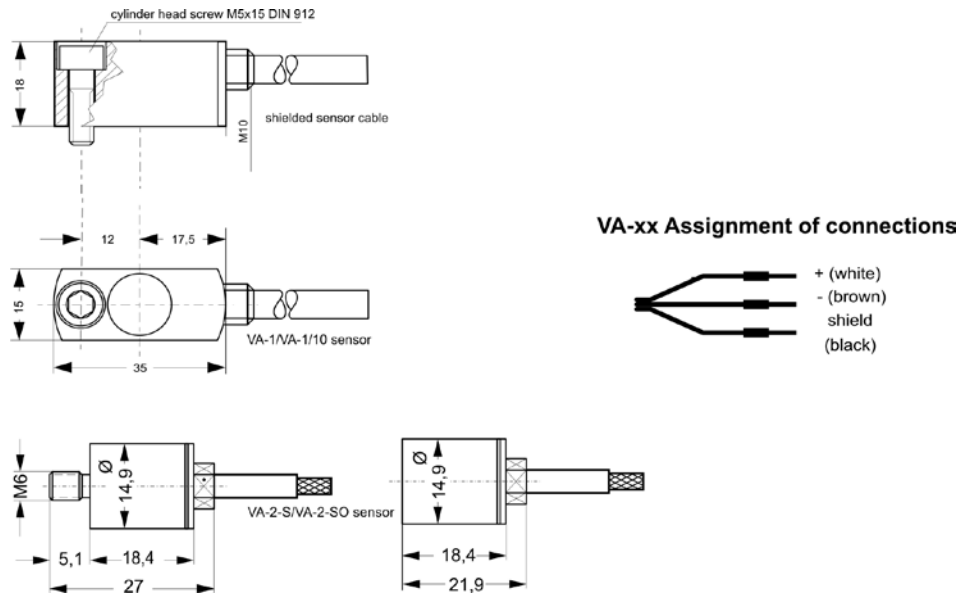


Illustration similar

Application example  
VA-XX and VM-02 with the GENIOR MODULAR Tool and Process Monitoring System

# Vibration- and acceleration sensors

## VA-XX



	VA-1/10 O3PZ0111007 Cable length 15 m O3PZ0111008 Cable length 20 m	VA-1 O3PZ0111006 Cable length 15 m O3PZ0111005 Cable length 20 m	VA-2-S O3PZ0111002 Cable length 15 m	VA-2-SO O3PZ0111003 Cable length 15 m
Dimensions	see drawing			
Weight (sensor only)	approx. 60 g		approx. 18 g	
Material	Chromium nickel steel, cast			
Operating temperature	0 °C – + 70 °C			
Degree of protection	IP66/IPx7 (only sensor with cable), resistant to cooling lubricants			
Contacting	Screw connection M5		Screw connection M6	Adhesive conn. (Loctite203)
Voltage supply	acc. to ICP® (ICP® is a registered trademark of PCB Group, Inc.)			
Open circuit voltage	8 – 12 V DC			
PU cable	Cable diameter 6 mm		Cable diameter 4.1 mm	
	26 AWG, bending radius 7.5 x wire diameter, usable in drag chains			
Sensitivity	10 mV/g (1.02 mV/m/s²)		100 mV/g, (10.2 mV/m/s²)	
Tolerance	± 20 %			
Measuring range	± 500 g		± 50 g	
Frequency range	(± 3 dB) 0.3 Hz – 2 kHz			
	0.3 Hz – 15 kHz			
Resonance frequency	> 4 kHz			
Max. acceleration	5000 g (peak)			
Output impedance	< 100 Ohm			
Conformity	CE			

For a full list of address locations, please consult the Marposs official website

ODN6396EN02 – Edition 02/2018 – Specifications are subject to modifications  
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Marposs has an integrated system to manage the Company quality, the environment and safety, attested by ISO 9001, ISO 14001 and OHSAS 18001 certifications. Marposs has further been qualified EAQF 94 and has obtained the Q1 Award.



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