

VA-XX

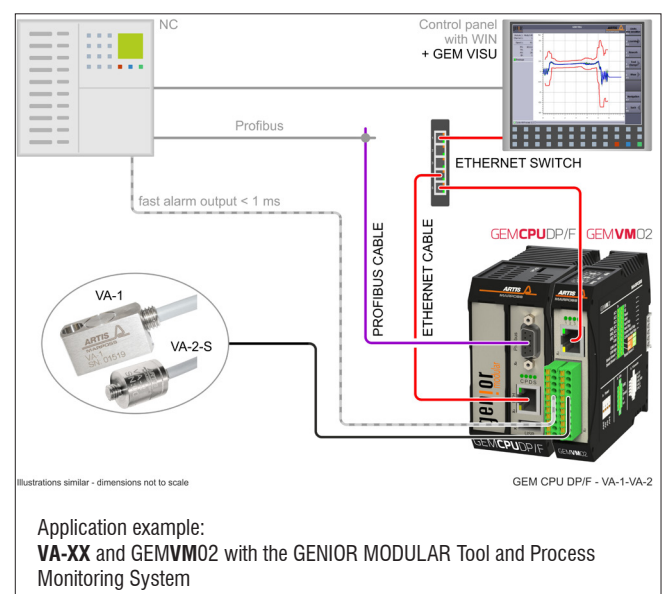
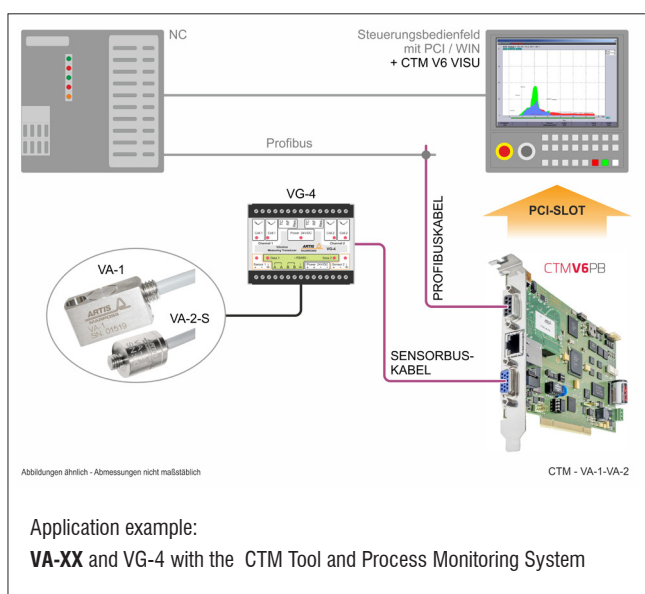
ACCELERATION SENSORS

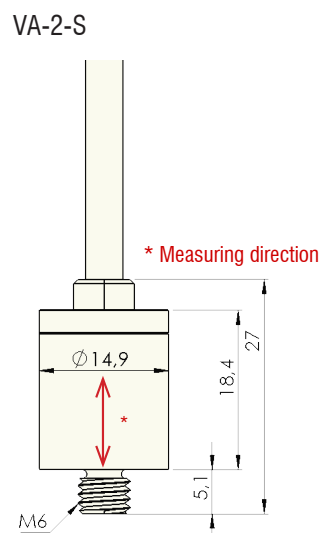
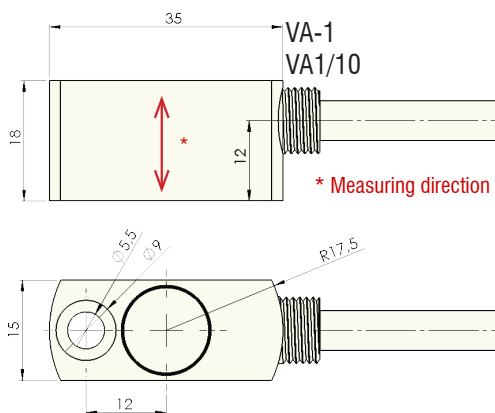
Properties

- Capture of acceleration signals
- For use with CTM and GENIOR MODULAR monitoring systems
- Degree of protection IP66/IPx7, resistant to cooling lubricants
- Compact design
- IEPE interface



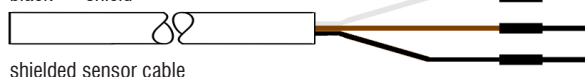
Illustration similar





Connections

white +
brown -
black shield



shielded sensor cable

ARTICLE NUMBER		
CODE	Cable length 15 m	Cable length 20 m
VA-1/10	O3PZ0111007	O3PZ0111008
VA-1	O3PZ0111006	O3PZ0111005
VA-2-S	O3PZ0111002	—

GENERAL DATA	
DIMENSIONS	see drawing
WEIGHT	
VA-1/10, VA-1	0.060 kg
VA-2-S	0.018 kg
HOUSING MATERIAL	Chromium-nickel steel, cast
DEGREE OF PROTECTION (SENSOR WITH CABLE)	IP66/IPx7 resistant to cooling lubricants
OPERATING TEMPERATURE	0 °C ... +70 °C
MOUNTING	
VA-1/10, VA-1	Screw connection M5
VA-2-S	Screw connection M6

ELECTRICAL PROPERTIES	
VOLTAGE SUPPLY	as per IEPE
OPEN CIRCUIT VOLTAGE	8 – 12 V DC

SENSITIVITY	
VA-1/10	10 mV/g (1.02 mV/m/s ²)
VA-1, VA-2-S	100 mV/g, (10.2 mV/m/s ²)
TOLERANCE	± 20 %
MEASURING RANGE	
VA-1/10	± 500 g
VA-1, VA-2-S	± 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 Ω
CONFORMITY	CE, UKCA

PU-CABLE	
CABLE TYPE	Shielded cable, suitable for drag chains
CABLE DIAMETER	
VA-1/10, VA-1	6 mm
VA-2-S	4.1 mm
CABLE LENGTH	see CODE
WIRE SIZE	26 AWG
BENDING RADIUS	7.5 x cable diameter



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

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