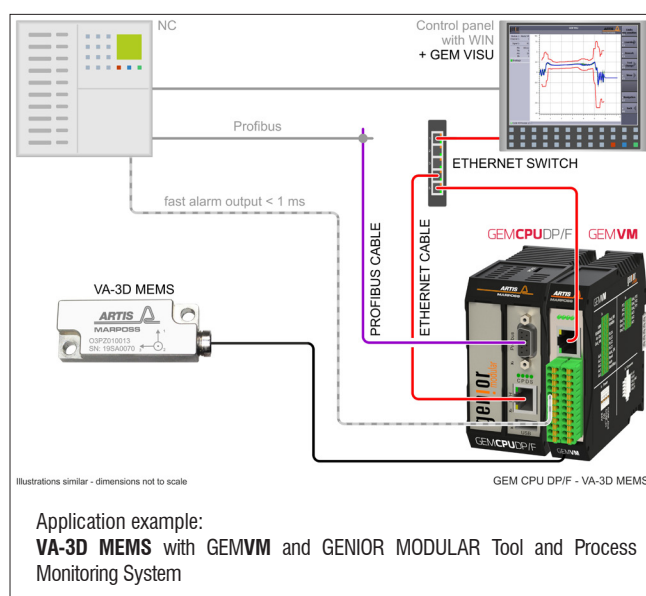
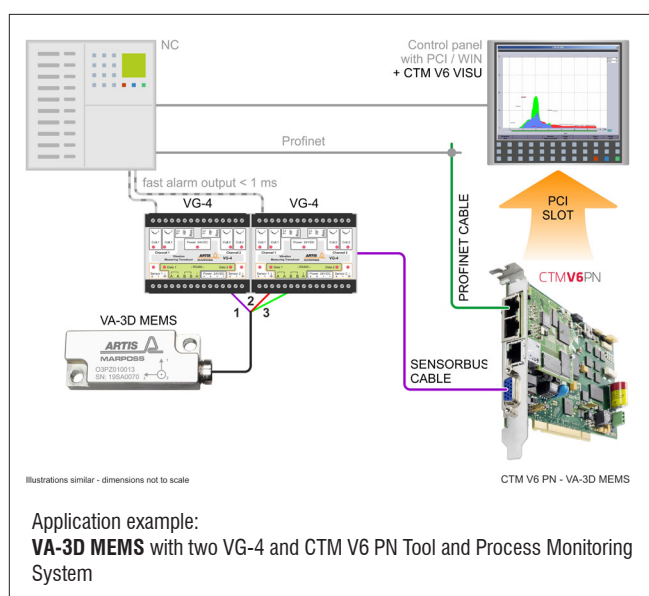
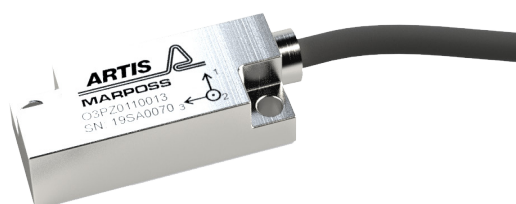


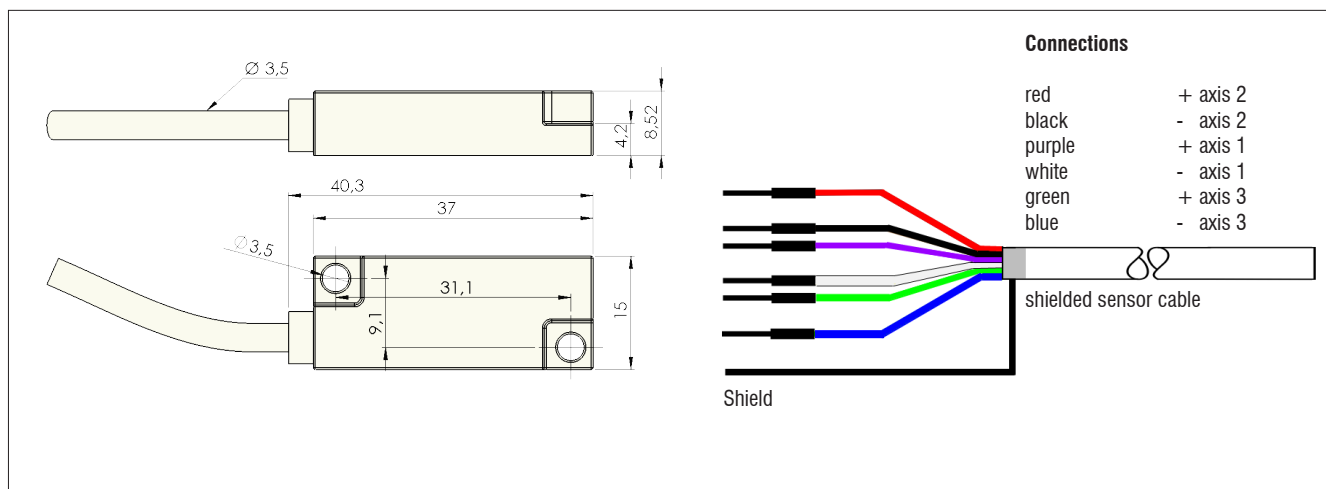
VA-3D MEMS

3-AXIS ACCELERATION SENSOR

Properties

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





ARTICLE NUMBER	
CODE	O3PZ0110013

GENERAL DATA	
DIMENSIONS	see drawing
WEIGHT	0.237 kg (10 m connection cable included)
HOUSING MATERIAL	AISI 303
DEGREE OF PROTECTION (SENSOR WITH CABLE)	IP66/IPx7 resistant to cooling lubricants
OPERATING TEMPERATURE	0 °C – +60 °C
MOUNTING	Screw connection 2 x M3

ELECTRICAL PROPERTIES	
VOLTAGE SUPPLY	as per IEPE
OPEN CIRCUIT VOLTAGE	
SENSITIVITY PER AXIS	100 mV/g, (10.2 mV/m/s ²)
TOLERANCE	± 10 %

MEASURING RANGE PER AXIS	± 8 g
FREQUENCY RANGE	Axis 1 and axis 3: 0 Hz – 2.2 kHz Axis 2: 0 Hz – 2.8 kHz
RESONANCE FREQUENCY	5.5 kHz
NOISE	20 µg/Hz ^{0.5}
MAX. ACCELERATION	4000 g (peak)
OUTPUT IMPEDANCE	typ. 80 Ω max. 140 Ω
CONFORMITY	CE, UKCA

PU-CABLE	
CABLE TYPE	Shielded cable, suitable for drag chains
CABLE DIAMETER	4.1 mm
CABLE LENGTH	10 m
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

ODN6396EN06 – Edition 01/2025 – Specifications are subject to modifications
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