

VA-3D

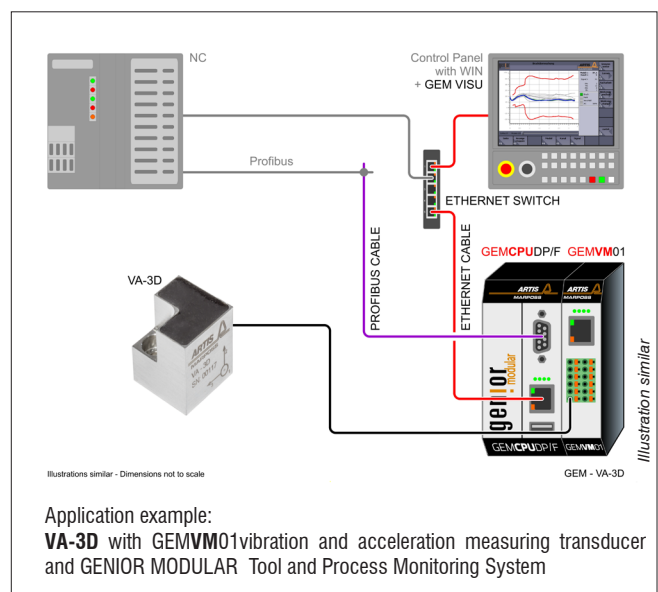
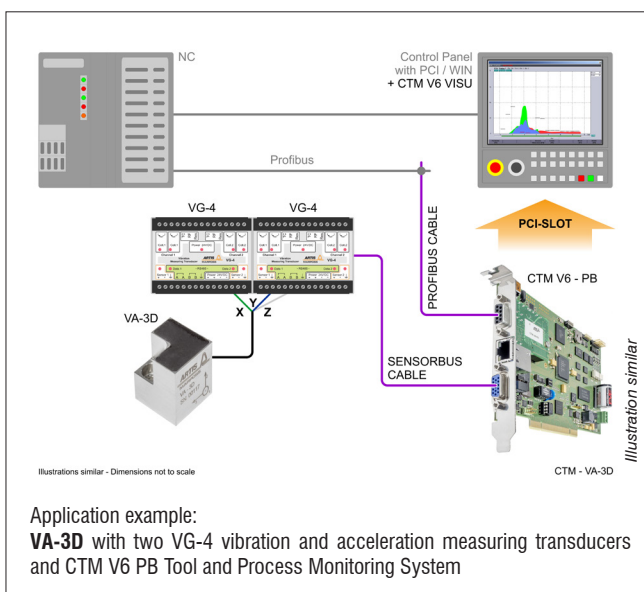
3-AXIS ACCELERATION SENSOR

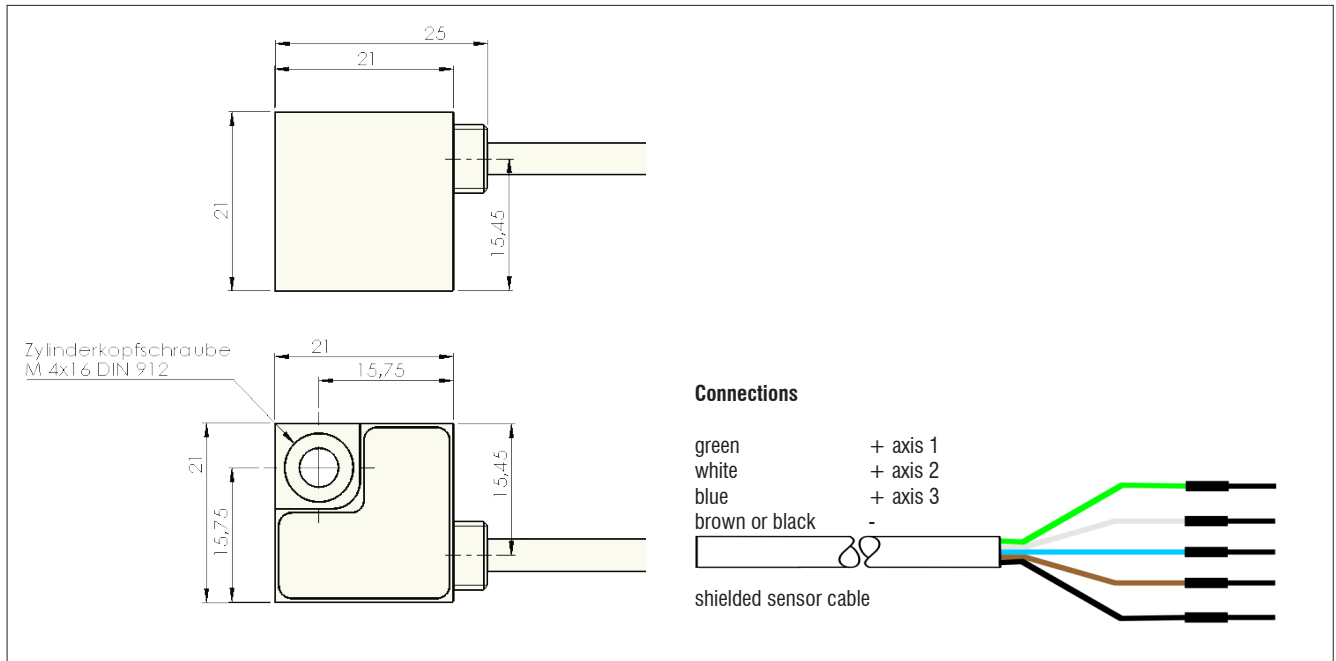
Properties

- Capture of acceleration signals
- Measurement of acceleration in 3 axes (50 g per axis)
- For use with CTM and GENIOR MODULAR monitoring systems
- Compact design
- IEPE interface



Illustration similar





ARTICLE NUMBER	
CODE	O3PZ0111011

GENERAL DATA	
DIMENSIONS	see drawing
WEIGHT	0.328 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	Screw connection M4

ELECTRICAL PROPERTIES	
VOLTAGE SUPPLY	as per IEPE
OPEN CIRCUIT VOLTAGE	8 – 12 V DC
SENSITIVITY PER AXIS	100 mV/g, (10.2 mV/m/s ²)
TOLERANCE	± 20 %

MEASURING RANGE PER AXIS	± 50 g
FREQUENCY RANGE	(±3 dB) 0.3 Hz – 2 kHz 0.3 Hz – 15 kHz
RESONANCE FREQUENCY	> 20 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	4.1 mm
CABLE LENGTH	10 m
WIRE SIZE	26 AWG
BENDING RADIUS	7.5 x cable diameter



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