

ADS-31 PIEZOELECTRIC STRAIN SENSOR

Properties

- Suitable for all ARTIS monitoring systems
- Integrated piezo load amplifier
- High sensitivity
- One-dimensional measuring direction
- Easy mounting
- Sensor cable can be laid easily in the machine
- Resistant PUR-sheet



Illustration similar

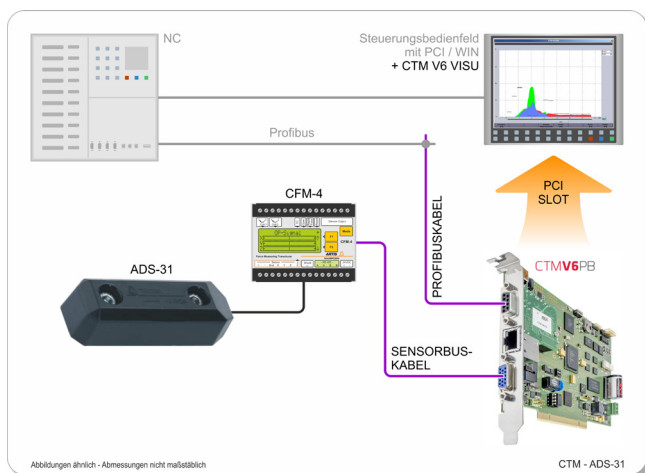
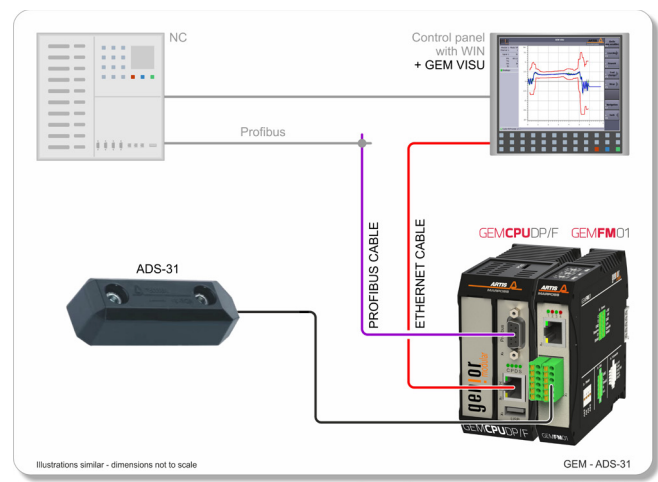
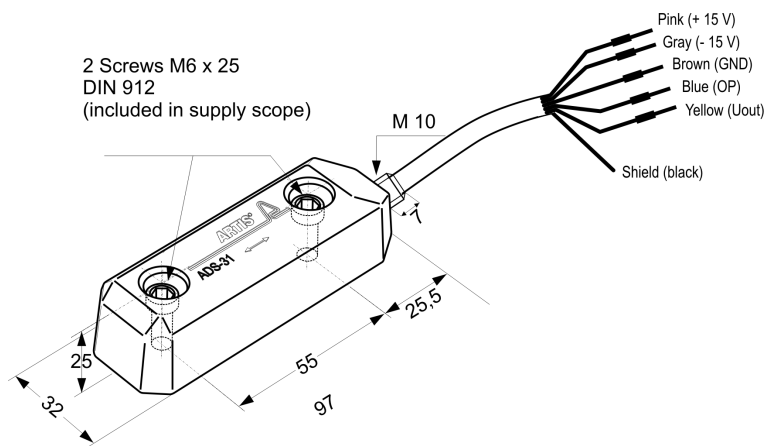


Illustration similar

Application example:
ADS-31 and **CFM-4** measuring transducer with the **CTM Tool** and **Process Monitoring System**.



Application example:
ADS-31 and **GEMFM01** force measuring transducer with the **GENIOR MODULAR Tool** and **Process Monitoring System**.



ARTICLE NUMBER	
CODE	O3PZ021100x (x = see variants)
VARIANTS	
ADS-31, 5 M CABLE	O3PZ0211007
ADS-31, 15 M CABLE	O3PZ0211008
ADS-31, 25 M CABLE	O3PZ0211009

DIMENSIONS	see drawing
WEIGHT	
ADS-31, 5 M CABLE	0.432 kg
ADS-31, 15 M CABLE	0.868 kg
ADS-31, 25 M CABLE	1.261 kg
MATERIAL	
INNER PART	Chromium nickel steel
SHEAT	PUR-sheat, resistant to cooling lubricants
DEGREE OF PROTECTION	IP66/IPx7 resistant to cooling lubricants
OPERATING TEMPERATURE	10 °C ... +50 °C

CABLE LENGTHS	see variant
WIRE BREAK DETECTION	in the dedicated measuring transducer
MEASURING SECTION	55 mm
VOLTAGE SUPPLY	-15 V DC / 0 V / +15 V DC
OUTPUT SIGNAL	± 10 V
ACTIVATION	+5 V DC
CONFORMITY	CE, UKCA

PU CABLE	
CABLE TYPE	PU cable, suitable for drag chains
DIAMETER	6 mm
CONDUCTOR SIZE	(AWG 26)
BENDING RADIUS	7.5 x cable diameter
WIRE CONFIGURATION	Conductor, fine wired acc. to VDE 0295



www.marposs.com

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

ODN6403EN01 – Edition 04/2022 – Specifications are subject to modifications
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