

## AE-C / AE-C2 ACOUSTIC EMISSION SENSOR

### Properties

- Suitable for all ARTIS monitoring systems
- Acoustic emission sensors for detecting breakage of shank-tools and for monitoring of dressing processes
- Especially suitable for small shank-tools (e.g. gun drills)
- Ideal choice for use in multi-spindle drilling heads
- Degree of protection IP66/IPx7, resistant to cooling lubricants



Example: AE-C; Illustration similar

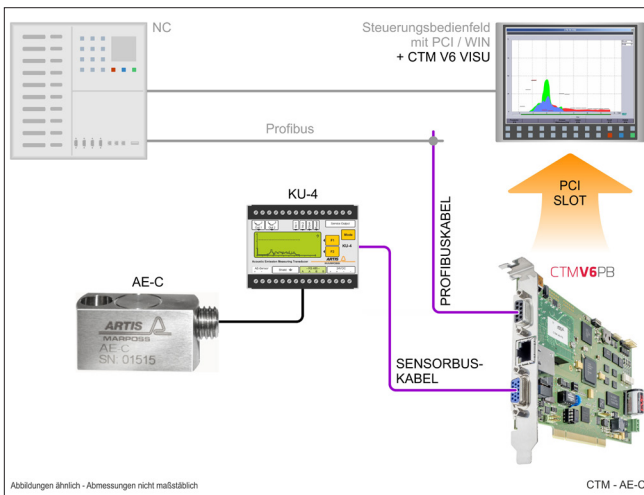
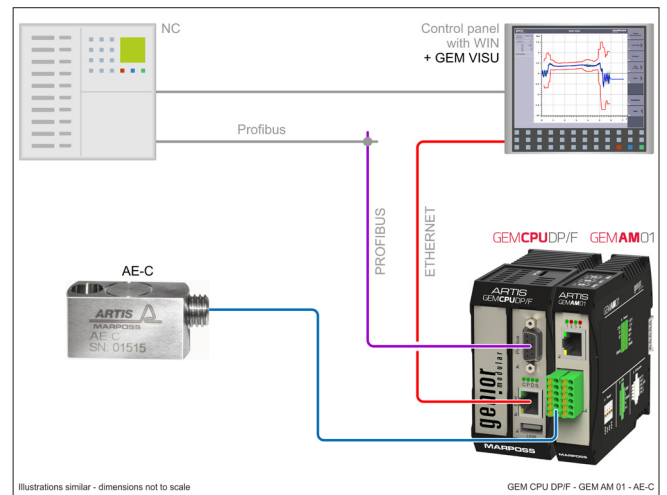


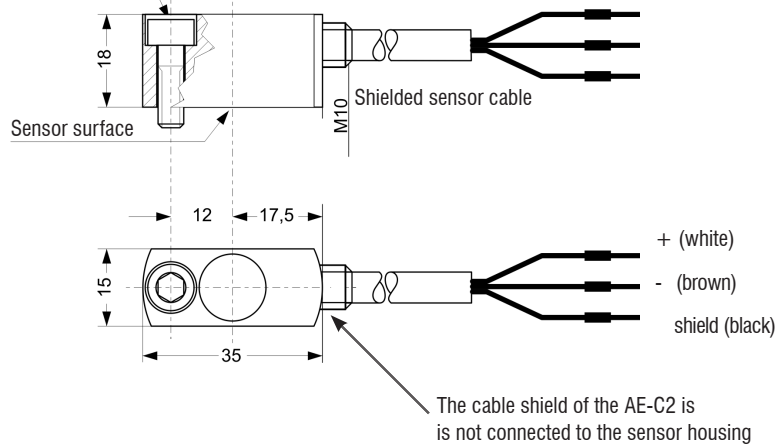
Illustration similar



Application example:  
**AE-C** and **KU-4** with the **CTM Tool and Process Monitoring System**

Application example:  
**AE-C** and **AM-01** with the **GENIOR MODULAR Tool and Process Monitoring System**

Cylinder head screw M 5 x 15 DIN 912



ARTICLE NUMBER		
CODE	O3PZ111100x	(x = see variants)
CABLE VARIANTS	AE-C	AE-C2 PUR
10 M	O3PZ1111001	O3PZ1111009
15 M	O3PZ1111005	O3PZ1111010
20 M	–	O3PZ1111011
25 M	O3PZ1111008	–

VOLTAGE SUPPLY	via measuring transducer (KU-4 or AM-01)
FREQUENCY RANGE	10 to 400 kHz
OVERLOAD SHOCK	10.000 g (Peak)
CONFORMITY	CE

DIMENSIONS	see drawing
WEIGHT	
AE-C, 10 M CABLE	0.482 kg
AE-C, 15 M CABLE	0.701 kg
AE-C, 25 M CABLE	1.140 kg
MATERIAL	Chromim nickel steel, cast
OPERATING TEMPERATURE	0 °C ... +60 °C
DEGREE OF PROTECTION	IP66/IPx7 resistant to cooling lubricants
CABLE LENGTHS	see variants
CONTACTING	screw connection M5

PU CABLE	
DIAMETER	6 mm
CONDUCTOR SIZE	AWG 26
BENDING RADIUS	7.5 x cable diameter
WIRE CONFIGURATION	conductor, fine wired according to VDE 0295
CONFORMITY	CE, UKCA



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