

Special Features

- Suitable for all ARTIS monitoring systems
- Acoustic emission sensor 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



Illustration similar

ACOUSTIC EMISSION SENSOR

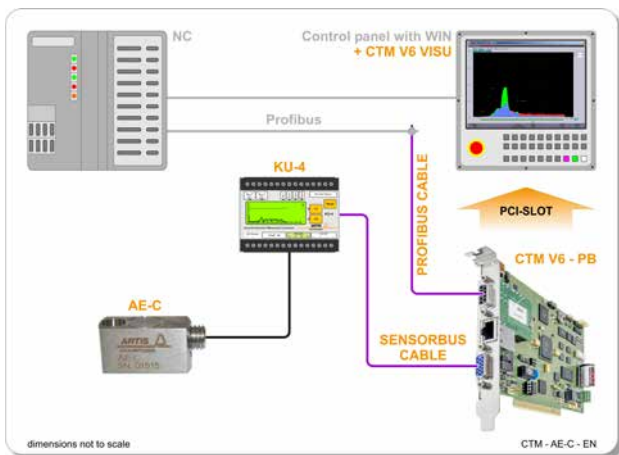


Illustration similar

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

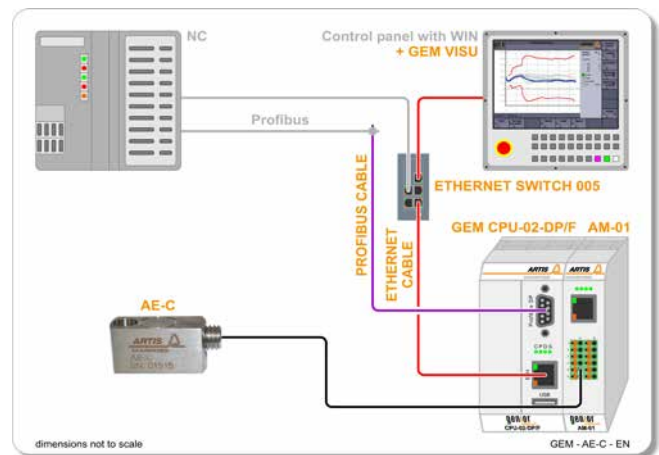


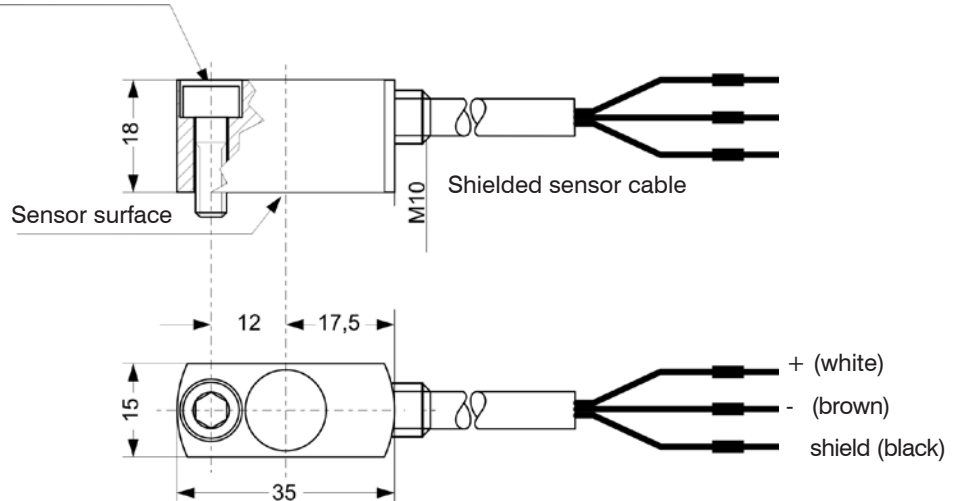
Illustration similar

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

Acoustic emission sensor

AE-C

Cylinder head screw M 5 x 15 DIN 912



	O3PZ111100x (x – see variant)
Variants	
AE-C, 10 m cable	O3PZ1111001
AE-C, 15 m cable	O3PZ1111005
AE-C, 25 m cable	O3PZ1111008
Dimensions	see drawing
Weight	
AE-C, 10 m cable	482 g
AE-C, 15 m cable	701 g
AE-C, 25 m cable	1140 g
Material	Chromium nickel steel, cast
Operating temperature	0 °C – + 60° C
Degree of protection	IP66/IPx7, resistant to cooling lubricants
Cable lengths	see specification
Contacting	Screw connection M5

Voltage supply	via measuring transducer (KU-4 or AM-01)
Frequency range	10 to 400 kHz
Overload shock	10.000 g (peak)
Conformity	CE

	PU cable
Diameter	6 mm
Conductor size	26 AWG
Bending radius	7.5 x wire diameter
Wire configuration	Conductor, fine wired according to VDE 0295
Conformity	CE



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

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