

Special Features

- Suitable for all ARTIS monitoring systems
- Compact size, little space required
- Acoustic emission sensor for detecting breakage of shank tools and for monitoring of dressing processes
- Especially suitable for small shank-tools, e.g. deep-hole drills
- Ideal choice for use in multi-spindle drilling heads
- Degree of protection IP66/IPx7, resistant to cooling lubricants



Illustration similar

ACOUSTIC EMISSION SENSOR

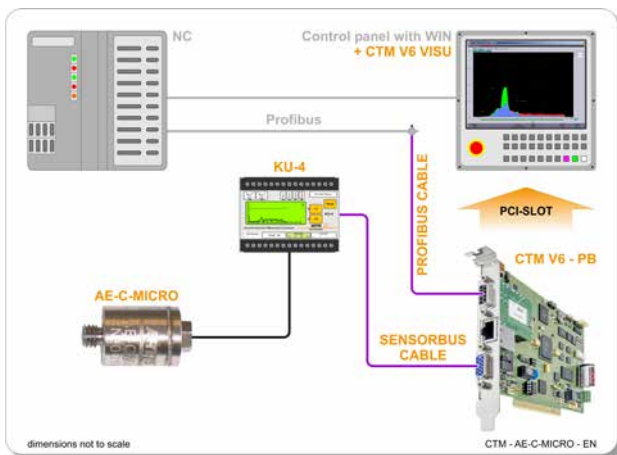


Illustration similar

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

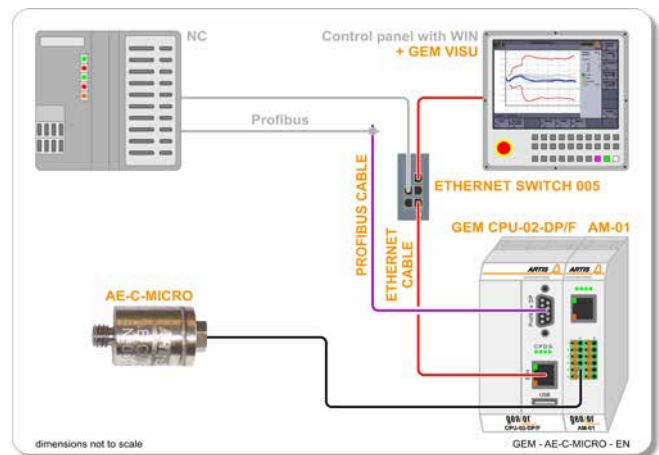
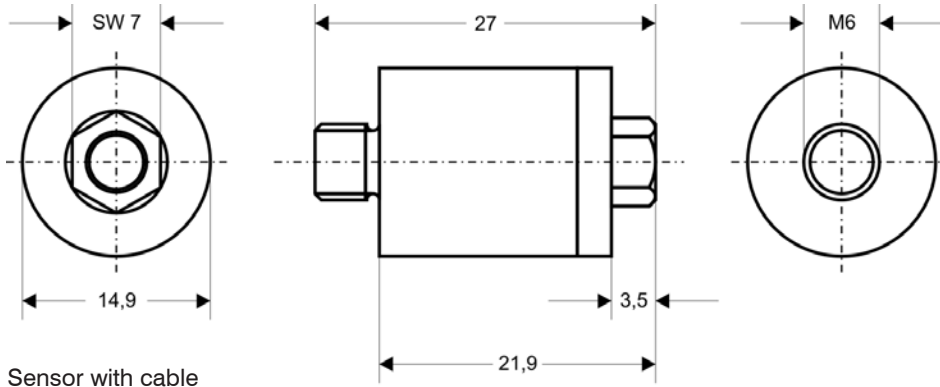


Illustration similar

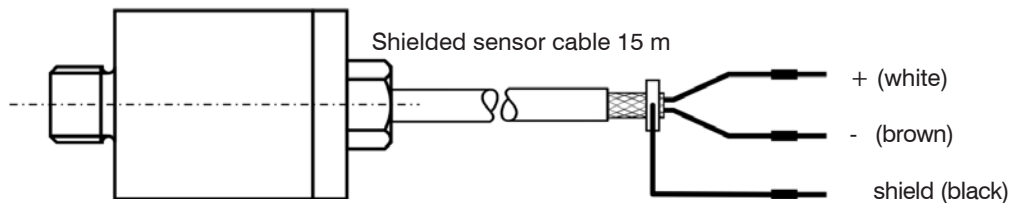
Application example:
AE-C-MICRO and KU-4 with the GENIOR MODULAR Tool and Process Monitoring System

Acoustic emission sensor

AE-C-MICRO



Sensor with cable



AE-C-MICRO O3PZ1111002	
Dimensions	see drawing
Weight	428 g
Material	Chromium nickel steel, cast
Operating temperature	0 °C – + 60° C
Degree of protection	IP66/IPx7, resistant to cooling lubricants
Contacting	Screw connection M6
Voltage supply	via measuring transducer (KU-4 or VM-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 acc. to VDE 0295

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

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Marposs has an integrated system to manage the Company quality, the environment and safety, attested by ISO 9001, ISO 14001 and OHSAS 18001 certifications. Marposs has further been qualified EAQF 94 and has obtained the Q1 Award.



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