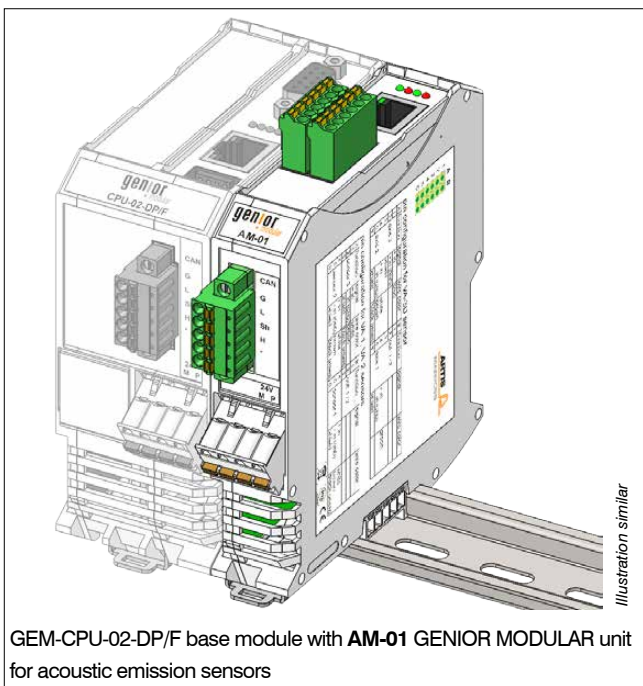


Illustration similar

## TOOL & PROCESS MONITORING GENIOR MODULAR UNIT FOR ACOUSTIC EMISSION SENSORS



GEM-CPU-02-DP/F base module with AM-01 GENIOR MODULAR unit for acoustic emission sensors

### Main Features

- Component of the tool and process monitoring system GENIOR MODULAR
- 1 sensor input
- 12.5 kHz ... 250 kHz frequency range
- 630 kHz sampling rate
- 16 bit resolution
- Transmission of measuring data via ARTIS CAN bus
- Simple installation in the electrical cabinet

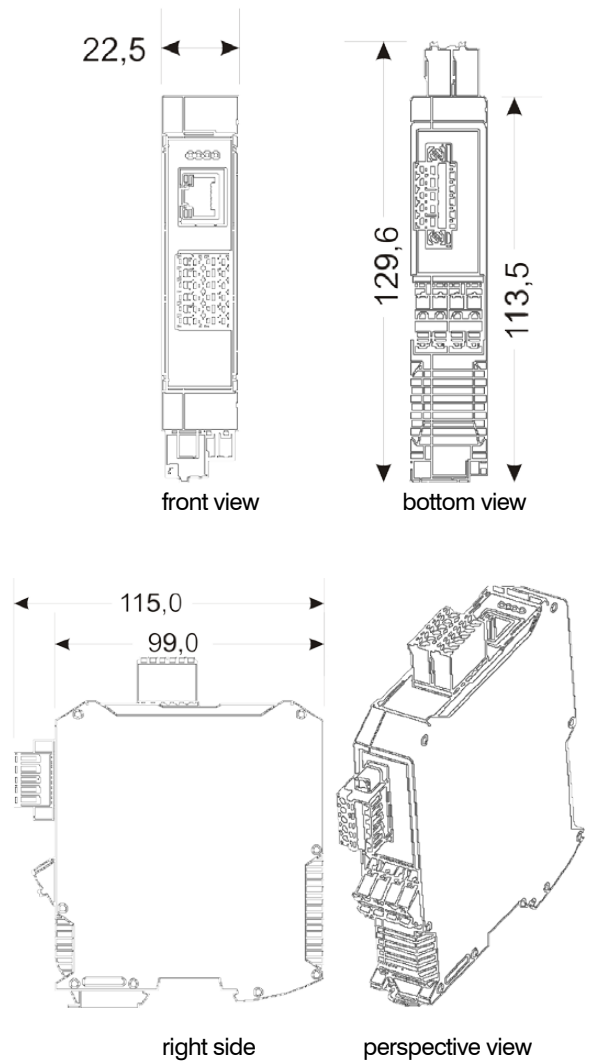
### Applications

- Monitoring of shank tools in multi-spindle heads
- Breakage monitoring of small drills in large drilling spindles

# Tool & Process Monitoring GENIOR MODULAR Unit for Acoustic Emission Sensors

AM-01

	<b>O830Z711101</b>
Dimensions	see drawing
Mounting	Mounting rail according to DIN EN 60715
Weight	172 g
Material	Polyamide PA6.6
Flammability class	VO (UL94)
Storage temperature	-20 °C...+60 °C
Operating temperature	0 °C...+50 °C
Rel. humidity	5 – 85 % without condensation
Degree of protection	IP20
Contacting	Spring terminal, in-rail bus connector
Voltage supply	24 V DC $\pm$ 20 % max. 5 % ripple (via in-rail bus connector)
Output current	4 mA
Nominal current consumption	max. 200 mA
Interface	ARTIS CAN bus
Resolution	16 bit
Measuring input	ARTIS sensors AE-x (constant current 4 mA)
Frequency range	12.5 kHz...250 kHz
Sampling rate	630 kHz
Switching output 1 / 2	Opto coupler (reserve)
Comformity	CE



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

ODN6422EN01 – Edition 02/2018 – Specifications are subject to modifications  
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