GEM**VM**01 overview

GEMVisu visualization

Illustration similar

TOOL & PROCESS MONITORING
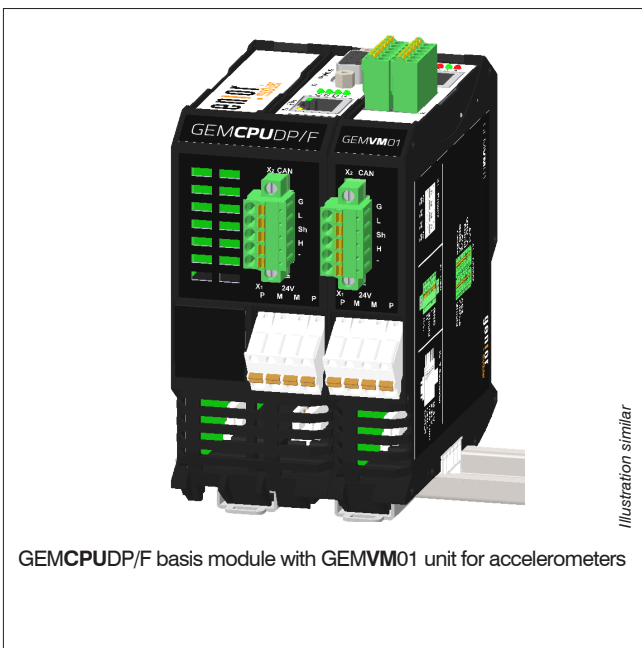# GENIOR MODULAR UNIT FOR ACCELEROMETERS

GEM**CPU**DP/F basis module with GEM**VM**01 unit for accelerometers

Illustration similar

Properties

- Component of the tool and process monitoring system GENIOR MODULAR
- 3 independent sensor inputs (IEPE standard)
- 10 Hz ... 5.6 kHz frequency range
- Selectable band-pass filter (minimum 200 Hz)
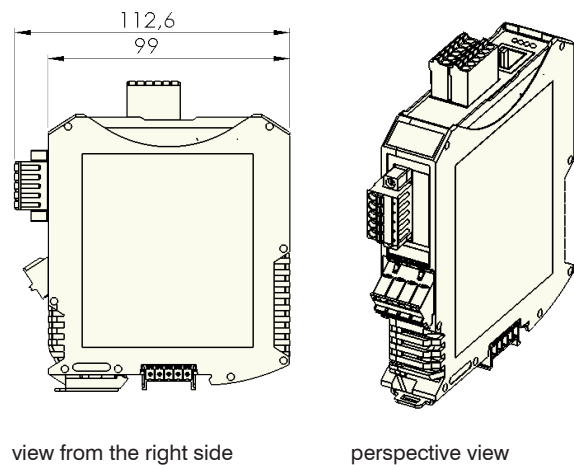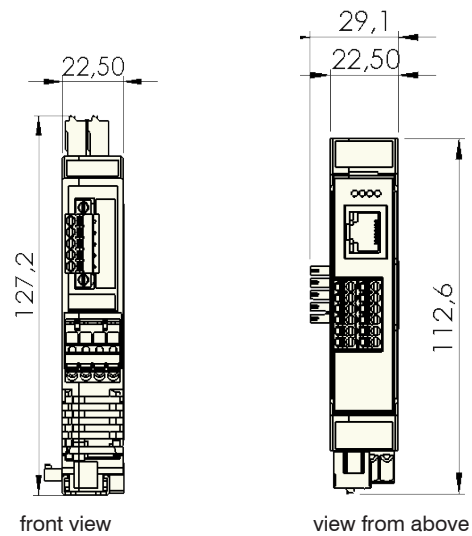- 25 kHz sampling rate
- 16 bit resolution

Available Signals

- 3 x vibration velocity (mm/sec)
- 3 x acceleration (g)

Tool & Process Monitoring
GENIOR MODULAR unit for accelerometers
GEM**VM**01

	O830Z710102
Dimensions	see drawing
Mounting	Standard mounting rail according to DIN EN 60715
Weight	155 g
Material	Polyamide PA6.6
Flammability class	VO (UL94)
Storage temperature	-20 °C ... +60 °C
Operating temperature	0 °C ... +50 °C
Relative humidity	5 – 85 % without condensation
Degree of protection	IP20
Contacting	Spring terminal, in-rail bus connector
Voltage supply	24 V DC ±20 % max. 5 % ripple (via in-rail bus connector)
Nominal current consumption	max. 250 mA
Interface	ARTIS CAN bus
Resolution	16 bit
Measuring inputs	3 x IEPE
Accuracy	< 0.5 %
Frequency range	10 Hz ... 5.6 kHz
Sampling rate	25 kHz
Conformity	CE

front view

view from above

view from the right side

perspective view

ARTIS
MARPOSS