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## *GEM IO-01 INPUT-/OUTPUT-CONVERTER*

Illustration similar

Properties

- Component of the GENIOR MODULAR Tool and Process Monitoring System
- Realization of the PLC-interface with 24 V signals if no field bus system is available
- 16 input signals
- 8 output signals
- Flexible configuration
- Operable in sink- or source mode
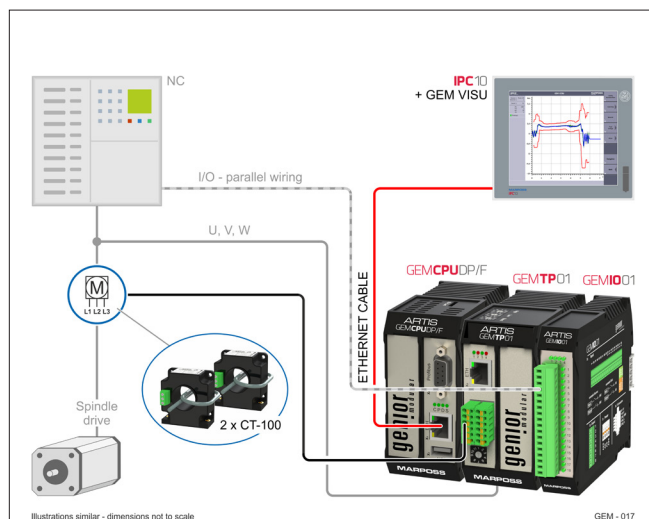
Application example:
Parallel wiring between the GENIOR MODULAR Tool and Process Monitoring System and the machine control using a GEM**IO**01 Input-/Output-Converter, e.g. for true power monitoring (with 2 CT-100 Hall sensors and a GEM**TP**01 measuring transducer module).

| Front view | View from the left | Top view | Perspective view |
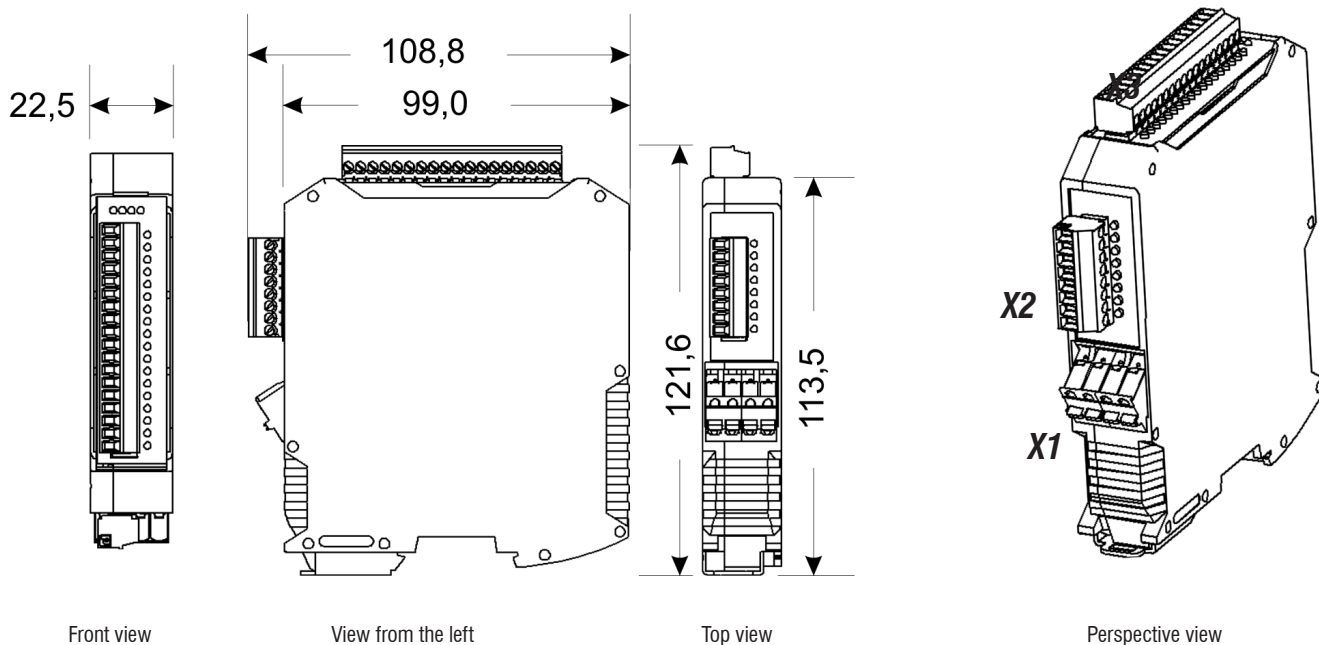
GENERAL DATA		
ARTICLE NUMBER	O830Z910303	
DIMENSIONS	see drawing	
WEIGHT	0.139 kg	
MATERIAL	Polyamide PA 6.6	
STORAGE TEMPERATURE	-20 °C...+60 °C	
OPERATING TEMPERATURE	+0 °C...+50 °C	
UL-CLASSIFICATION	VO (UL94)	
DEGREE OF PROTECTION	IP20	
RELATIVE HUMIDITY	5 % ... 85 %, not condensation	
INSTALLATION	DIN EN 60715 standard mounting rail	
CONTACTING	Screw terminals, spring terminals	
INPUT SIGNALS	16 input signals	
OUTPUT SIGNALS	8 output signals	
IMPUTS	**Source**	**Sink**
1-SIGNAL	8 V – 36 V / 5 mA	0 V – 19 V / 5 mA
0-SIGNAL	0 V – 7 V / 5 mA	20 V – 36 V / 5 mA
OUTPUTS	**Source**	**Sink**
1-SIGNAL	24 V typ. max. 100 mA	0 V – 1 V
0-SIGNAL	open	open
CONFORMITY	CE, UKCA	

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