

Illustration similar

## TOOL & PROCESS MONITORING GENIOR MODULAR UNIT FOR TORQUE AND FEED FORCE SENSORS

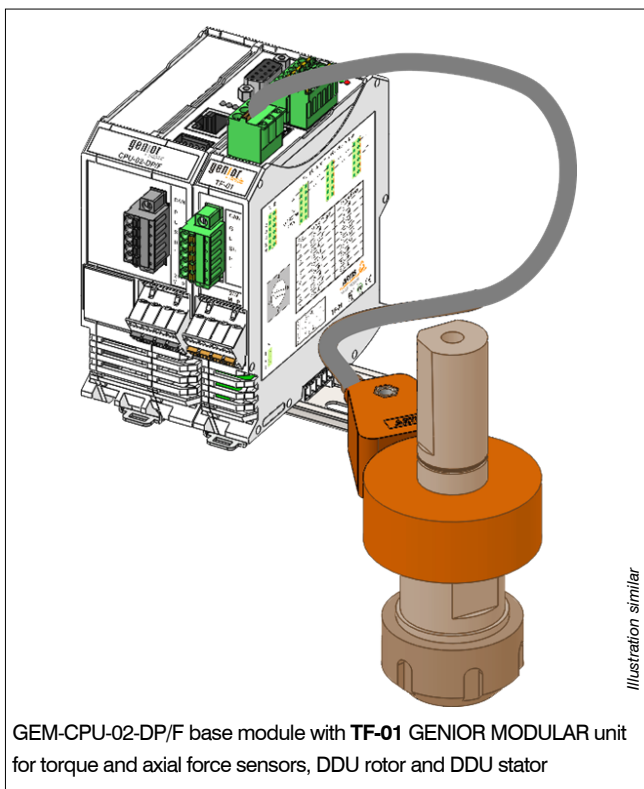


Illustration similar

GEM-CPU-02-DP/F base module with TF-01 GENIOR MODULAR unit for torque and axial force sensors, DDU rotor and DDU stator

### Main Features

- Component of the tool and process monitoring system GENIOR MODULAR
- Measuring transducer for connecting the DDU sensor system
- ARTIS CAN bus
- Top hat rail module
- Supply voltage 24 V

### Applications

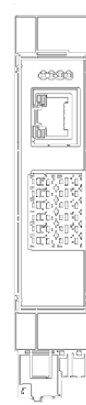
- Contactless monitoring of torque and axial force
- Monitoring of drilling and threading processes
- 3 measuring ranges each, for torque and axial force

# Tool & Process Monitoring

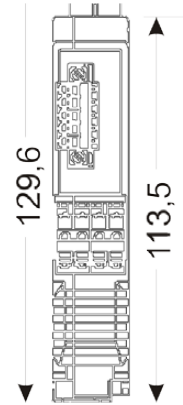
## GENIOR MODULAR Unit for Acoustic Emission Sensors

### TF-01

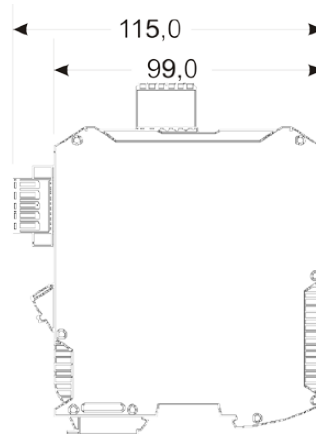
<b>O830Z910302</b>	
Dimensions	see drawing
Weight	120 g
Material	Polyamide PA6.6
Storage temperature	-20 °C...+60 °C
Operating temperature	0 °C...+50 °C
Rel. humidity	5 – 85 % without condensation
Degree of protection	IP20
Contacting	<ul style="list-style-type: none"> <li>Screw terminal</li> <li>Spring terminal</li> </ul>
Mounting	<ul style="list-style-type: none"> <li>Mounting rail according to DIN EN 60715</li> <li>Wall assembly</li> </ul>
Voltage supply	24 V ±20 % max. 300 mA
Ripple	max. 5 %
Measuring range	3 ranges each, for torque and feed force; setting via rotary switch
Switching outputs	1 open coll.-output, 5 – 40 V DC max. 150 mW
Control inputs	Activation 18 – 36 V DC
Interfaces	ARTIS CAN bus Synchronization bus USB Stator-connection
Data output	via USB every 10 ms, format ASCII for feed and torque
Operation	Switch-over of measuring range CAN-Baud rate CAN Node-Id
Conformity	CE



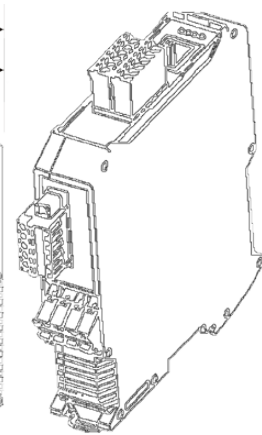
front view



bottom view



right side



perspective view

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

ODN6422EN04 – Edition 02/2018 – Specifications are subject to modifications  
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