

STRAIN SENSOR DA FOR GEMCMS

Properties

- Piezoelectric strain sensor with very high sensitivity for measuring the surface strain of structures
- Optimal for collision monitoring with the system GEMCMS
- Two protective tube variants available
- Different cable lengths available
- Degree of protection IP65

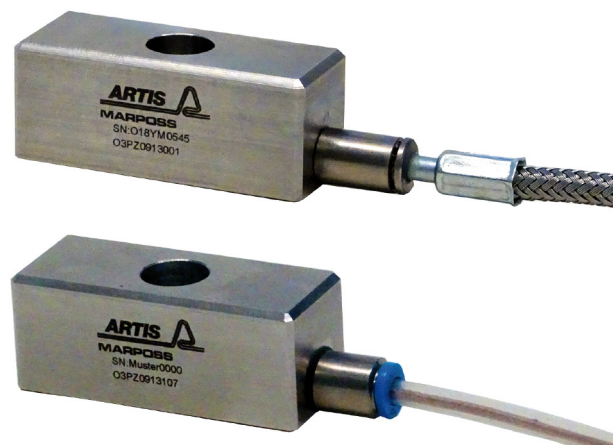


Illustration similar

PIEZOELETRIC STRAIN SENSOR FOR DETECTING COLLISION EVENTS IN MACHINE TOOLS

Connector

Strain sensor DA for GEMCMS

- with steel netting mesh tube
- with ODU 3 pole plug or mini coax plug (for external amplifier), mounted installation kit included

- or Mini Coax connector (for external amplifier), ready mounted

Illustration similar

Connector

Strain sensor DA for GEMCMS

- with polyamide tube (Tecalan)
- with ODU 3 pole plug or mini coax plug (for external amplifier), mounted installation kit included

- or Mini Coax connector (for external amplifier), ready mounted

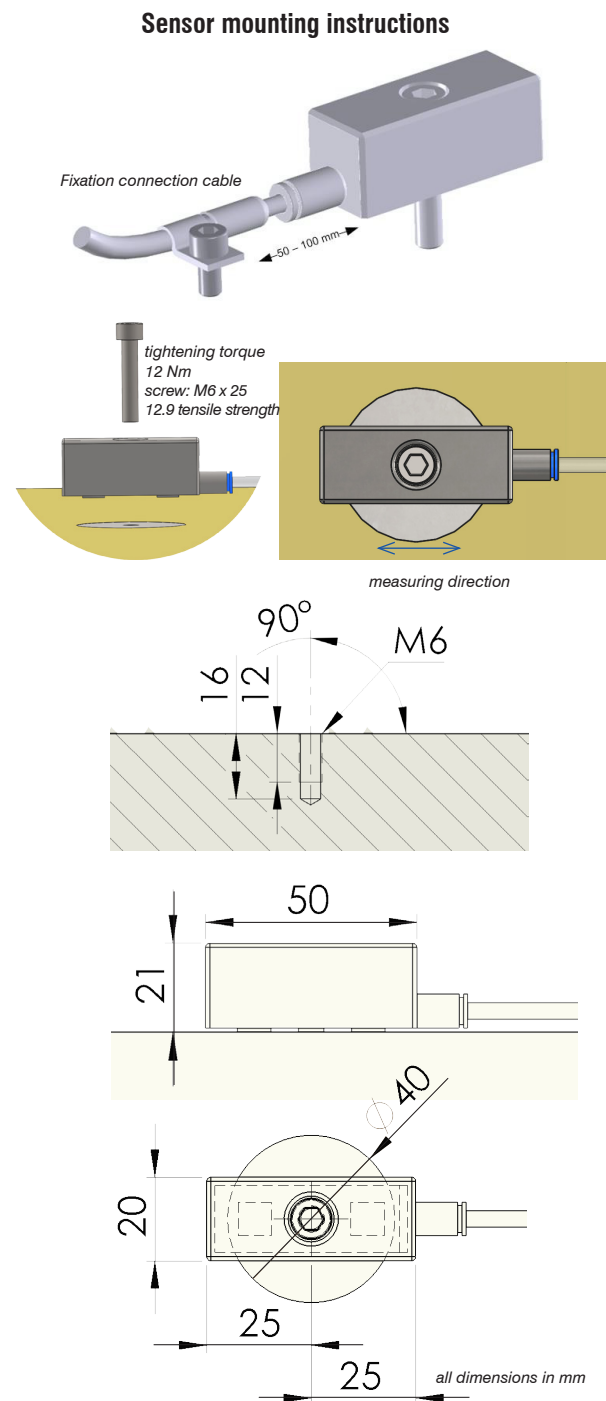
Illustration similar

ARTICLE NUMBERS		
VARIANTS WITH STEEL NETTING MESH TUBE		
15 M	03PZ0913108	
20 M	03PZ0913112	
FOR EXT. AMPLIFIER 10 M	03PZ0913110	
VARIANTS WITH POLYAMIDE TUBE (TECALAN)		
15 M	03PZ0913107	
20 M	03PZ0913111	
FOR EXT. AMPLIFIER 10 M	03PZ0913109	

DIMENSIONS	
DIMENSIONS	(l x w x h)
SENSOR ONLY	50 x 20 x 21 mm
SENSOR WITH CONNECTION	83 x 20 x 21 mm

CONNECTIONS	
CONNECTOR DIAMETER	9 mm
CONNECTOR LENGTH	
CONNECTOR ONLY	35 mm
CONNECTOR WITH CONNECTION	51 mm
WEIGHT	~ 120 g plus cable
MATERIAL	stainless steel
CABLE DIAMETER	
STEEL NETTING MESH TUBE	5.25 mm, bending radius 150 mm
POLYAMIDE TUBE	4 mm, bending radius 15 mm

INSTALLATION AND OPERATION	
CONTACTING	Spring terminals, screw terminals
TIGHTENING TORQUE	12 Nm
OPERATING TEMPERATURE	0 °C ... + 60 °C
DEGREE OF PROTECTION	IP65 <i>(if correctly assembled acc. to ARTIS guidelines)</i>
MEASURING RANGE	+/- 300 µε (typical)
SENSITIVITY	2000 pC/µε (typical)
CONFORMITY	CE, UKCA



www.marposs.com

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

ODN6403EN03 - Edition 07/2021 - Specifications are subject to modifications
© Copyright 2010-2021 MARPOSS S.p.A. (Italy) - All rights reserved.

MARPOSS, and Marposs product names/signs mentioned or shown herein are registered trademarks or trademarks of Marposs in the United States and other countries. The rights, if any, of third parties on trademarks or registered trademarks mentioned in this publication are acknowledged to the respective owners.

Marposs has an integrated system for Company quality, environmental and safety management, with ISO 9001, ISO 14001 and OHSAS 18001 certification.



Download the latest version of this document