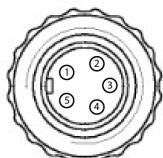
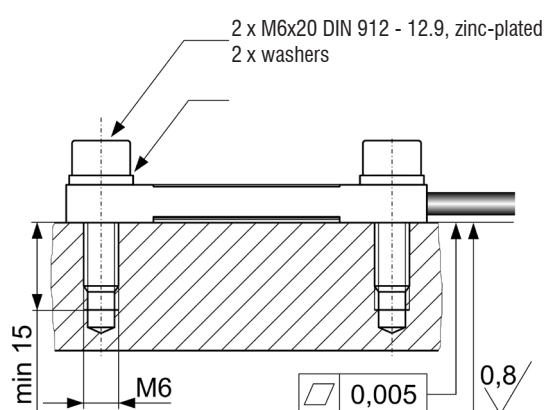
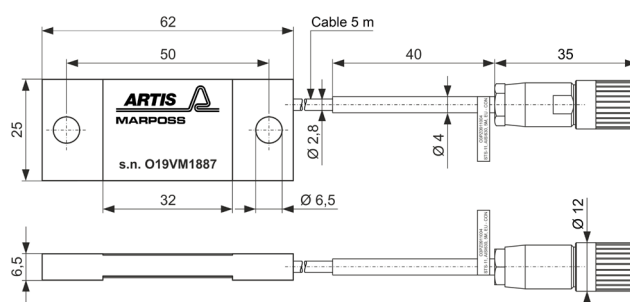
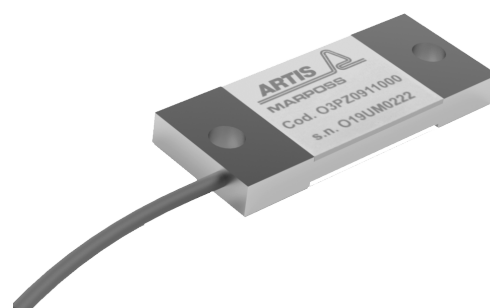


STS-11, AISI630, 5M, EU - CON

STRAIN SENSOR WITH STRAIN GAUGE TECHNOLOGY

TECHNICAL DATA			
MARPOSS CODE	O3PZ0911004		
MEASURING RANGE	$\pm 200 \mu\epsilon$		
MAXIMUM LOAD LIMIT	$\pm 700 \mu\epsilon$		
OPERATING TEMPERATURE	0 °C ... +60 °C		
THERMAL DRIFT COMPENSATION (10 °C ...50 °C)	Temperature compensated for steel <i>1 $\mu\epsilon$ if mounted on a surface with a thermal expansion coefficient of 11 ppm</i>		
SENSITIVITY	$\sim 0.35 \text{ mV/V}$		
LINEARITY	1 % f.s.		
INPUT IMPEDANCE	359 Ω		
OUTPUT IMPEDANCE	359 Ω		
TIGHTENING TORQUE	10 Nm		
WEIGHT	80 g		
SENSOR MATERIAL	AISI630 (17-4 PH®)		
PIN ASSIGNMENT OF THE CONNECTOR TYPE: TRIAD01 5S-Vol.IP65	PIN	Color	Description
	1	red	Supply voltage +
	2	green	Signal +
	3	white	Signal -
	4	blue	Supply voltage -
	5	-	n.c.
 <p>Socket side</p>			
DIMENSIONS	see drawing		
CABLE MATERIAL	EU polyurethane-polyether		
CABLE LENGTH / CABLE Ø	5 m / 2.8 mm		
DEGREE OF PROTECTION	Sensor IP67 / Connector IP65		
SCOPE OF SUPPLY	Sensor, sensor cable (5 m) with connector, 2 washers, 2 screws M6 x 20 class 12.9, zinc plated		
CONFORMITY	CE, UKCA		



www.marposs.com

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

ODN6403EN04 – Edition 01/2025 – Specifications are subject to modifications
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