

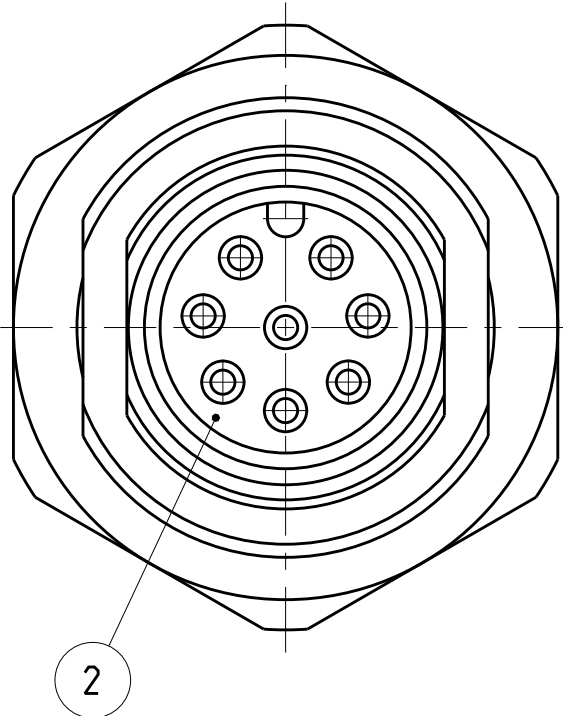
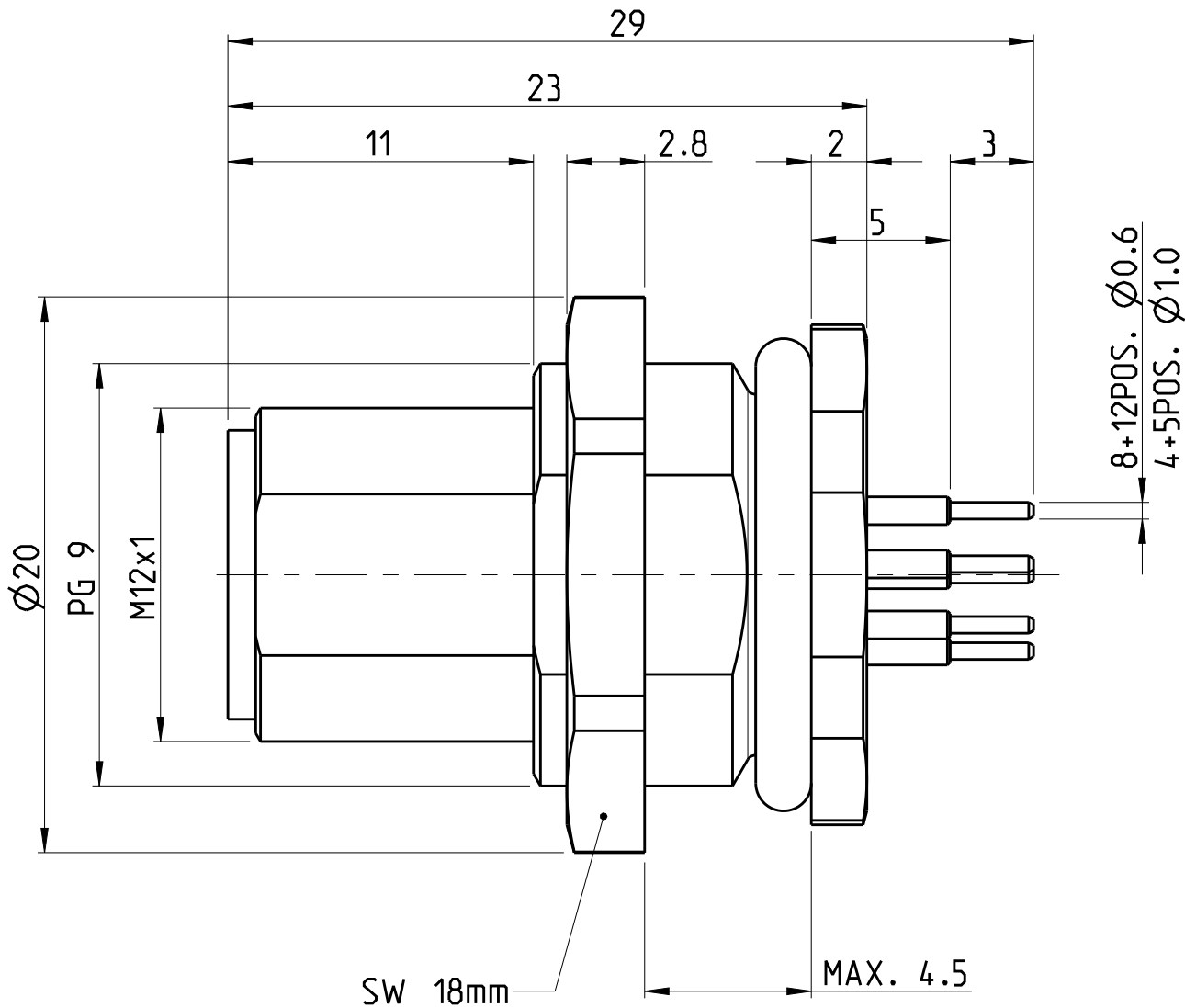
PROJECT NR.:		REVISIONS				
PRJ-14-000000805		ÄNDERUNGEN				
P	LYR	DESCRIPTION BESCHREIBUNG	DATE	DWN	APVD	
	A2	ADDED PCB LAYOUT IN DRAWING	20AUG2014	YR	MB	
	A3	3-2271140-2 AND 4-2271140-2 DISCONTINUED	25SEP2017	TJ	NG	

1 MATERIAL: ITEM NO. 1: HOUSING - ZINC DIECASTING, NICKEL PLATED
ITEM NO. 2: CONTACT BODY - PA
ITEM NO. 3: CONTACT - CuZn (brass)
CONTACT FINISH - Au (gold)

2 ALL DIMENSIONS ARE FOR NOMINAL REFERENCE ONLY UNLESS OTHERWISE STATED

3 PACKAGING: 20 PIECE IN A BAG

TECHNICAL DATA	3-2271140-2	4-2271140-2	5-2271140-2	6-2271140-2
RATED VOLTAGE	250V	125V	60V	30V
RATED IMPULSE VOLTAGE	2500V	1500V	800V	500V
POLLUTION DEGREE	3	3	3	3
OVERVOLTAGE CATEGORY	II	II	II	II
MATERIAL GROUP	II	II	II	II
RATED CURRENT	4A	4A	2A	2A
VOLUME RESISTIVITY	≤ 3mΩ	≤ 3mΩ	≤ 3mΩ	≤ 3mΩ
DEGREE OF PROTECTION	IP68	IP68	IP68	IP68
UPPER TEMPERATURE	+85 °C	+85 °C	+85 °C	+85 °C
LOWER TEMPERATURE	-40 °C	-40 °C	-40 °C	-40 °C

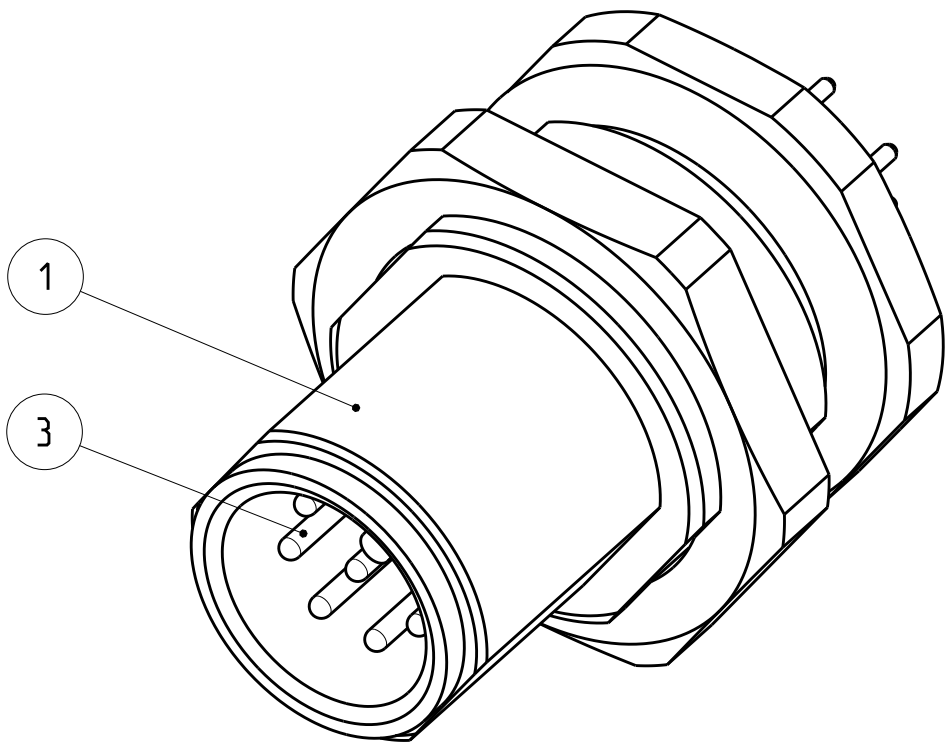


PIN ARRANGEMENT
A-CODING (SCALE 2:1)

3-2271140-2	4-2271140-2	5-2271140-2	6-2271140-2

PCB LAYOUT

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5-2 AS SHOWN
WIE GEZEICHNET

26 / 0.14mm ²	⚠	12	6-2271140-2
24 / 0.25mm ²	⚠	8	5-2271140-2
24 / 0.25mm ²	⚠	5	4-2271140-2
24 / 0.25mm ²	⚠	4	3-2271140-2
WIRES AWG / mm ²	MATERIAL	NUMBER OF POLES	TE-PART-NO.

SIZE ISO 14405 ⓔ

DIESE ZEICHNUNG IST EIN KONTROLLIERTES DOKUMENT. BEMASSUNGEN UND TOLERANZEN GEMAESS GPS (ISO STANDARDS).		DWN YASHKUMAR 15MAY2014 CHK M.STRELOW 15MAY2014 APVD C.SCHREITLINGER 15MAY2014		NAME M12 RECEPTACLE, MALE, PCB MOUNT, PANEL REAR, STRAIGHT, A-CODED	
THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER GPS (ISO STANDARDS).		PRODUCT SPEC 108-19483 APPLICATION SPEC 114-32127		SIZE A2 CAGE CODE 00779 DRAWING NO. C-2271140	
DIMENSIONS: MASSEINHEITEN: IT(M)		TOLERANCES UNLESS OTHERWISE SPECIFIED: ALLGEMEINTOLERANZEN		RESTRICTED TO NUR FÜR	
MATERIAL SEE NOTES		SEE NOTES		SHEET 1 OF 1	
Customer Drawing		/KUNDENZEICHNUNG		REV A3	

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[5-2271140-2](#)