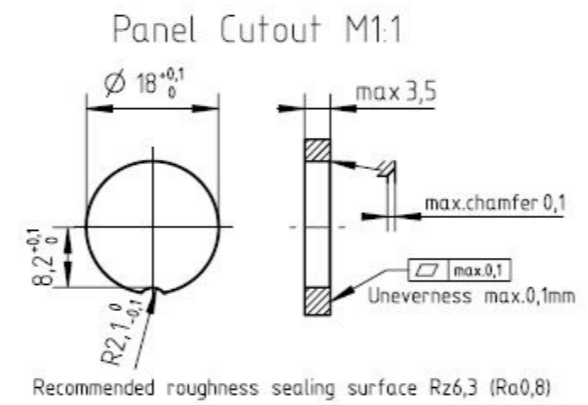
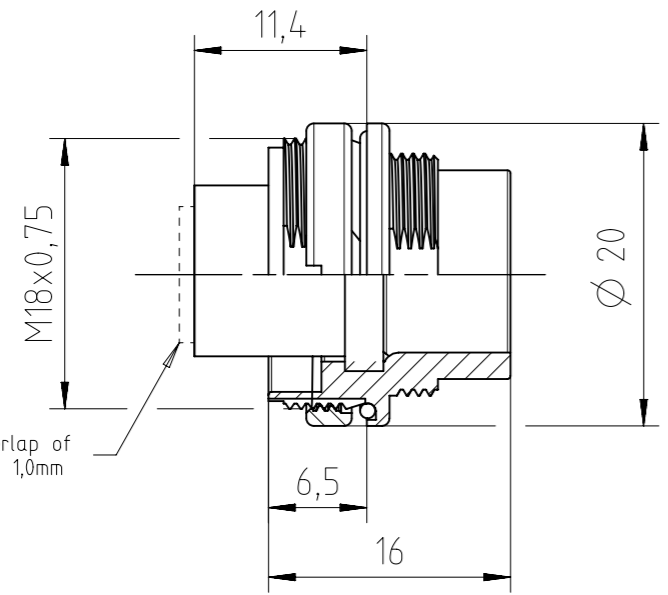


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Number of contacts	Standard	3	4	5	5S	6	7	7	8	12	14	
Contact arrangement	DIN EN 61076-2-106	03-a	04-a	05-a	05-b	06-a	07-a	07-b	08-a	12-a	14-a	
Contact arrangement	IEC 60130-9 <sup>1)</sup>											
Rated voltage <sup>2)</sup>	IEC 60664-1	300 V (100 V)	300 V (63 V)	100 V (32 V)	300 V (63 V)	100 V (32 V)	150 V (32 V)					
Rated voltage	UL 1977	250 V						60 V				
Rated impulse withstand voltage <sup>2)</sup>	IEC 60664-1	1500 V (840 V)	1200 V (500 V)	1500 V (840 V)	1200 V (500 V)							
Pollution degree <sup>2)</sup>	IEC 60664-1	1 (3 <sup>3)</sup> )										
Installation category	IEC 60664-1	I										
Insulation group	IEC 60664-1	II, 400 ≤ CTI < 600										
Current rating	IEC 60512-5-2 UL 1977	10A/+40°C/+104°F		7A/+40°C/+104°F				3A/+40°C/+104°F				
Insulation resistance	IEC 60512-3-1	>10 <sup>10</sup> Ohm <sup>4)</sup>										
Contact resistance	IEC 60512-2-1	<5m Ohm										
Climatic category	IEC 60668-1	40 / 100 / 56										
Temperatur range	IEC 60668-1	-40°C...+100°C / -40°F...+212°F										
salt spray resistance	DIN IEC 60068-2-11, test Ka	720h										
IP degree	IEC 60529	IP 69K / IP 67 / IP 65 (in mated condition)										
Insertion and withdrawal force	IEC 60512-13-2	25N	30N	35N	50N	55N	60N	50N				
Mechanical operation	IEC 60512-9-1	silver ≥500 mating cycles gold ≥1000 mating cycles										
Housing material		brass and / or zinc die cast, nickel plated										
Dielectric material		thermoplastic										
sealing material		Chloroprene										
Contacts		silver or gold plated, please order contacts separately acc. to drawing M-N 01 015 00XX X (3-8pol) or M-N 01 010 0158 X U (12-14pol)										
Termination technique		crimp										
Wire gauge		2-6 pol (exclusive 5S): 0,09-1,0mm <sup>2</sup> / 28-18 AWG				0,09-0,25mm <sup>2</sup> / 28-24 AWG						
Flamability		UL 94 V0										
locking system	IEC 60130-9 DIN EN 61076-2-106	metal screw coupling; tightening torque 1,0 - 1,5 Nm										

<sup>1)</sup> Edition 2000-05  
<sup>2)</sup> values in brackets are according to DIN EN 61076-2-106  
<sup>3)</sup> designed acc. pollution degree 2; can be used under pollution degree 3 when the rules of IEC 60664-1 are fulfilled  
<sup>4)</sup> under operating conditions >10<sup>8</sup> Ohm  
 All technical data have been measured in a laboratory environment and can be different during practical usage of the product. Any product information is for descriptive usage only and not legally binding; particularly the information does not constitute or provide any legal guaranties. Do not connect or disconnect under load. Metal housing parts shall be securely incorporated to protected ground. Parts according to directive 2002/95/EG (RoHS).

	14 (14-a)	C091 11W014 000 2 U
	12 (12-a)	C091 11W012 000 2 U
	8 (08-a)	C091 11W008 000 2 U
	7 (07-b)	C091 11W107 000 2 U
	7 (07-a)	C091 11W007 000 2 U
	6 (6-a)	C091 11W006 000 2 U
	5 (05-b)	C091 11W105 000 2 U
	5 (05-a)	C091 11W005 000 2 U
	4 (04-a)	C091 11W004 000 2 U
	3 (03-a)	C091 11W003 000 2 U
<b>Contact arrangement View on mating side</b>	Number of contacts (Contact arrangement acc. DIN EN 61076-2-106)	<b>Part number</b>

Gewicht (errechnet) / Calc WT:		Zul. Abw./Tolerances:		Maßstab / Scale: 2:1; 1:1		A3			
Prüfmaß / Testdimension		ISO 2768-c		DIN / ISO 13715		<b>CUSTOMER DRAWING</b>			
Teileindex / Partindexnumber:		Gez. 11.08.2020		Drawn MCARLE					
Bagatelle change:		Status Released		Gepr. 12.08.2020		<b>Male receptacle front mounting</b>			
		Checked MBERTSCH							
		<b>Amphenol Tuchel Industrial GmbH</b>		M C091 11WXXX 000 2 U		Blatt / Sheet 1		1 Bl.	
01 20200001				12.08.2020		MCARLE		Ers. f. / Replacement for:	
Index		Änderung / Description		Datum / Date		Name			

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