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	Standard	3	4	5	5	6	7	7	8	12	14
Number of contacts	IEC 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>	yes	no	yes	no	yes	no	yes	no		
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	250V								60V	
Rated impulse withstand voltage <sup>2)</sup>	IEC 60664-1	1500 V (1500 V)		1200 V (800 V)	1500 V (1500 V)		1200 V (800 V)				
Pollution degree <sup>2)</sup>	IEC 60664-1	1 (2)									
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		7A/+40°C					3A/+40°C		
Insulation resistance	IEC 60512-3-1	>10 <sup>10</sup> Ohm <sup>3)</sup>									
Contact resistance	IEC 60512-2-1	<5mOhm									
Climatic category	IEC 60668-1	40 / 100 / 56									
Temperatur range	IEC 60668-1	-40°C...+100°C / -40°F...+212°F									
IP degree	IEC 60529	IP 40									
Insertion and withdrawal force	IEC 60512-13-2	25N	30N	35N	35N	50N	55N	55N	60N	50N	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 or thermoplast									
dielectric material		thermoplastic									
contacts		silver or gold plated, please order contacts separately acc. to drawing M-N 02 015 00XX X (3-8pol) or M-N 02 010 0158 X (12-14pol)									
termination technique		crimp									
wire gauge		0,09-1,0mm <sup>2</sup>		0,09-0,75 mm <sup>2</sup>	0,09-1,0 mm <sup>2</sup>	0,09-0,75mm <sup>2</sup>			0,09-0,25mm <sup>2</sup>		
flamability		UL 94 VO									
locking system		metal screw coupling; tightening torque 0,7 - 1,5 Nm									

	14 (14-a)	T 3651 055 U
	12 (12-a)	T 3636 055 U
	8 (08-a)	T 3505 055 U
	7 (07-b)	T 3485 055 U
	7 (07-a)	T 3476 055 U
	6 (6-a)	T 3401 055 U
	5 (05-b)	T 3357 055 U
	5 (05-a)	T 3361 055 U
	4 (04-a)	T 3301 055 U
	3 (03-a)	T 3261 055 U
	2 (Pin 1+3)	T 3201 055 U
<b>Contact arrangement View on mating side</b>	Number of contacts (Contact arrangement acc. DIN EN 61076-2-106)	<b>Part number</b>

<sup>1)</sup> Edition 2000-05  
<sup>2)</sup> values in brackets are according to DIN EN 61076-2-106  
<sup>3)</sup> under operating conditions >10<sup>8</sup> Ohm

Do not connect or disconnect under load. Metal housing parts shall be securely incorporated to protected ground.  
 Remark for gold plated contacts:  
 In order to avoid brittle inter-metallic connections, gold plated terminals have to be tin-plated in the solder area.  
 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 ("Beschaffensgarantie" or "Haltbarkeitsgarantie").

Gewicht (errechnet) / Calc WT: 47,46 g	Zul. Abw./Tolerances:	Maßstab / Scale: 2:1;1:1	A3	
Prüfmaß / Testdimension	ISO 2768-c	<b>CUSTOMER DRAWING</b>		
Teileindex / Partindexnumber:	DIN / ISO 13715			
Bagatelle change:	Gez. 15.06.2021 Drawn MCARLE Status Released Gepr. 16.06.2021 Checked MBERTSCH	Female cable connector r/a cable diameter 4-6mm		
01 202100006 15.06.2021 MCARL	<b>Amphenol Tuchel Industrial GmbH</b>	M FA T 3XXX 055 U	Blatt / Sheet 1	1 Bl.
Index Änderung / Description Datum / Date Name	Ers. f. / Replacement for:			

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FAI2021-002717  
NXM-V02

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