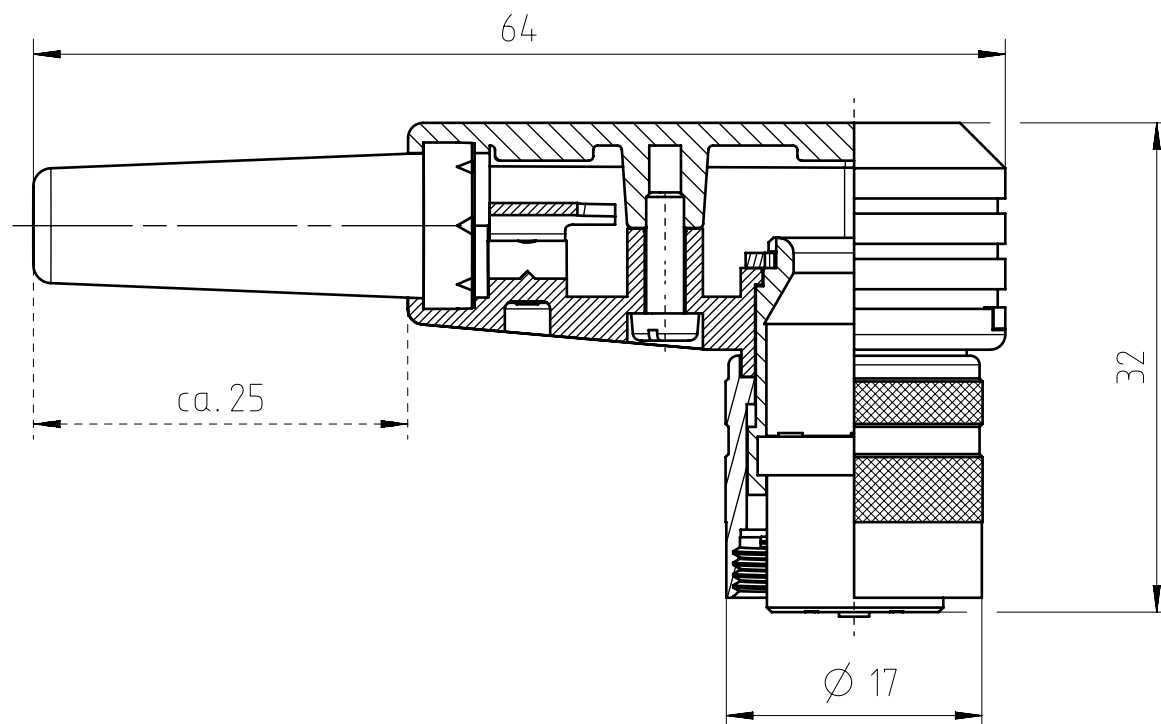


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D	Number of contacts	Standard	3	4	5	5	6	7	7	8	12	14	
	Contact arrangement	IEC 61076-2-106	03-a	04-a	05-a	05-b	06-a	07-a	07-b	08-a	12-a	14-a	
	Contact arrangement	IEC 60130-9 ⁿ	yes		no	yes		no	yes		no		
	Rated voltage ²⁾	IEC 60664-1	300 V (100 V)		300 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 ²⁾	IEC 60664-1	1500 V (1500 V)			1200 V (800 V)	1500 V (1500 V)		1200 V (800 V)				
	Pollution degree ²⁾	IEC 60664-1	1 (2)										
	Installation category	IEC 60664-1	I										
	Insulation group	IEC 60664-1	II, 400 ≤ CTI < 600										
	C	Current rating	IEC 60512-5-2 UL 1977	10A/+40°C		7A/+40°C							3A/+40°C
Insulation resistance		IEC 60512-3-1	>10 ¹⁰ Ohm ³⁾										
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										
B	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 ²			0,09-0,75 mm ²	0,09-1,0 mm ²	0,09-0,75mm ²			0,09-0,25mm ²		
	flamability		UL 94 V0										
	locking system		metal screw coupling; tightening torque 0,7 - 1,5 Nm										

¹⁾ Edition 2000-05
²⁾ values in brackets are according to DIN EN 61076-2-106
³⁾ under operating conditions >10⁸ 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 ("Beschaffenheitsgarantie" or "Haltbarkeitsgarantie").

	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	
Contact arrangement View on mating side	Number of contacts (Contact arrangement acc. DIN EN 61076-2-106)	contact plating	Part number

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

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