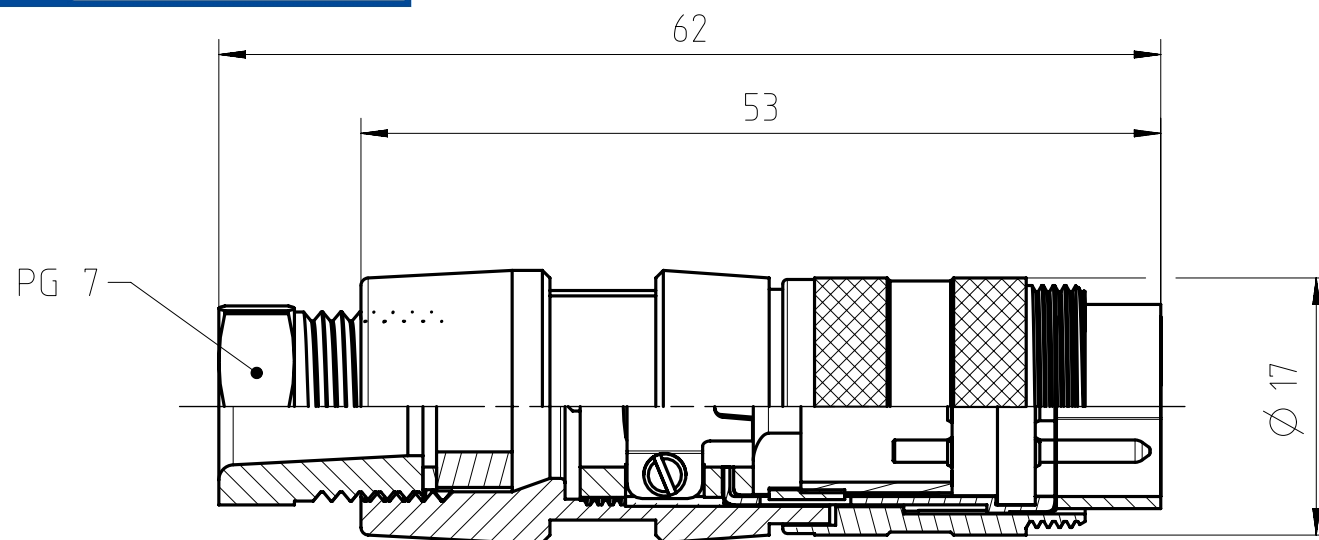


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Number of contacts	Standard	3	4	5	5	6	7	7	8	12	14	14	19
Contact arrangement	IEC 61076-2-106	03-a	04-a	05-a	05-b	06-a	07-a	07-b	08-a	12-a	14-a	14-b	19-a
Contact arrangement	IEC 60130-9 ⁿ	yes		no	yes		no	yes		no			
Rated voltage ²⁾	IEC 60664-1	300 V (100 V)		300 V (63 V)	100 V (32 V)	300 V (63 V)		100 V (32 V)		150 V (32 V)		60 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											
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	50N	60N
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											
termination technique		solder											
wire gauge		≤0,5mm ² / 20 AWG								≤0,35mm ² / 22 AWG			
flamability		UL 94 V0											
locking system		metal screw coupling; tightening torque 0,7 - 1,5 Nm											

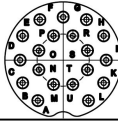
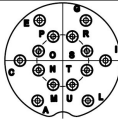
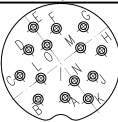
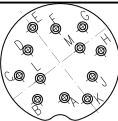
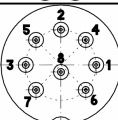
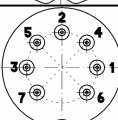
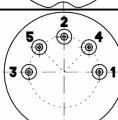
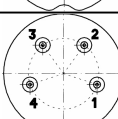
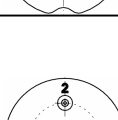
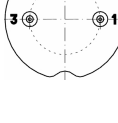
¹⁾ Edition 2000-05
²⁾ values in brackets are according to DIN EN 61076-2-106
³⁾ under operating conditions >10⁸ Ohm

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").

Gewicht (errechnet) / Calc WT: 0,027 kg		Zul. Abw./Tolerances:		Maßstab / Scale: 2:1		A3			
Prüfmaß / Testdimension		ISO 2768-c				CUSTOMER DRAWING			
Teileindex / Partindexnumber:									
Bagatelle change:				Gez. 10.12.2020		Male cable connector for cable diameter 4-6mm			
				Drawn MCARLE					
				Status Released					
				Gepr. 23.02.2021		M HA T 3XXX 004+024+048			
				Checked MBERTSCH					
				Amphenol Tuchel Industrial GmbH		Blatt / Sheet U1			
01 202000083		05.02.2021		MCARLE					
Index Änderung / Description		Datum / Date		Name		Ers. f. / Replacement for:			

	19 (19-a)	Ag	T 3690 004 U
		Au	T 3690 048 U
	14 (14-b)	Ag	T 3670 004 U
		Au	T 3670 048 U
	14 (14-a)	Ag	T 3650 024 U
		Au	T 3650 004 U
	12 (12-a)	Ag	T 3635 024 U
		Au	T 3635 004 U
	8 (08-a)	Ag	T 3504 004 U
		Au	T 3504 048 U
	7 (07-b)	Ag	T 3484 004 U
		Au	T 3484 048 U
	7 (07-a)	Ag	T 3475 004 U
		Au	T 3475 048 U
	6 (6-a)	Ag	T 3400 004 U
		Au	T 3400 048 U
	5 (05-b)	Ag	T 3356 004 U
		Au	T 3356 048 U
	5 (05-a)	Ag	T 3360 004 U
		Au	T 3360 048 U
	4 (04-a)	Ag	T 3300 004 U
		Au	T 3300 048 U
	3 (03-a)	Ag	T 3260 004 U
		Au	T 3260 048 U
	2 (Pin 1+3)	Ag	T 3200 004 U
		Au	T 3200 048 U
Contact arrangement View on mating side	Number of contacts (Contact arrangement acc. DIN EN 61076-2-106)	Part number	

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