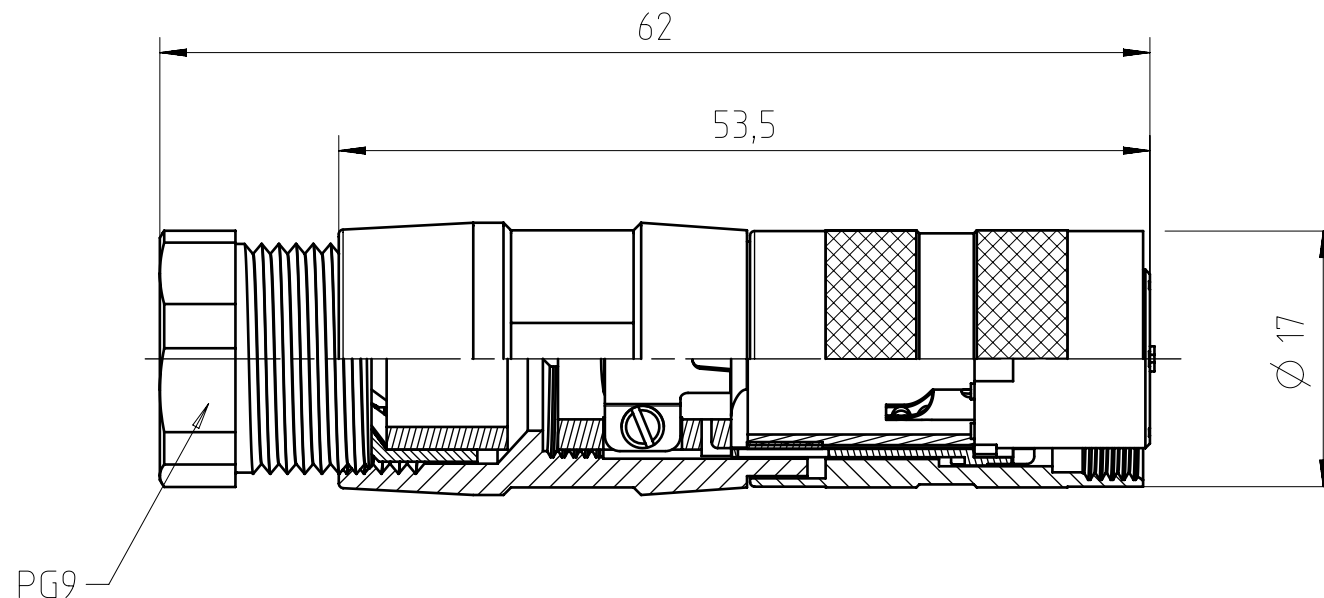


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	Number of contacts	Standard	3	4	5	5	6	7	7	8	12	14	14	19
	Contact arrangement	IEC 61076-2-106	03-a	04-a	05-a	05-b	06-a	07-a	07-b	08-a	12-a	14-a	14-b	19-a
	Contact arrangement	IEC 60130-9 ⁿ	yes		no	yes		no	yes		no			
	Rated voltage ²⁾	IEC 60664-1	300 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											
C	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	TEC 60529	IP 40											
	Insertion and withdrawal force	IEC 60512-13-2	25N	30N	35N	35N	50N	55N	55N	60N	50N	50N	50N	60N
B	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").

	19 (19-a)	Ag	T 3691 002 U
	14 (14-b)	Ag	T 3671 002 U
	14 (14-a)	Ag	T 3651 020 U
	12 (12-a)	Ag	T 3636 020 U
	8 (08-a)	Ag	T 3505 002 U
	7 (07-b)	Ag	T 3485 002 U
	7 (07-a)	Ag	T 3476 002 U
	6 (6-a)	Ag	T 3401 002 U
	5 (05-b)	Ag	T 3361 020 U
	5 (05-a)	Ag	T 3361 002 U
	4 (04-a)	Ag	T 3301 002 U
	3 (03-a)	Ag	T 3261 002 U
	2 (Pin 1+3)	Ag	T 3201 002 U
	2 (Pin 1+3)	Au	T 3201 028 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: 0,029 kg		Zul. Abw./Tolerances:		Maßstab / Scale: 2:1		A3	
		ISO 2768-c		CUSTOMER DRAWING			
Teileindex / Partindexnumber:				Female cable connector			
Bagatelle change: 23.02.2021 MCARLE		Gez. 02.12.2020		PG9, cable diameter 6-8mm			
		Drawn MCARLE					
		Status Released					
		Gepr. 10.02.2021					
		Checked MBERTSCH					
		Amphenol Tuchel Industrial GmbH					
01	202000083	08.12.2020	MCARLE	M DA T 3XXX 002+020+028		Blatt / Sheet 1	
Index	Änderung / Description	Datum / Date	Name	Ers. f. / Replacement for:		1 Bl.	

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