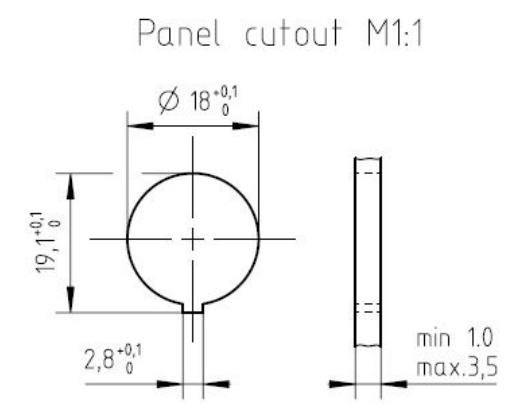
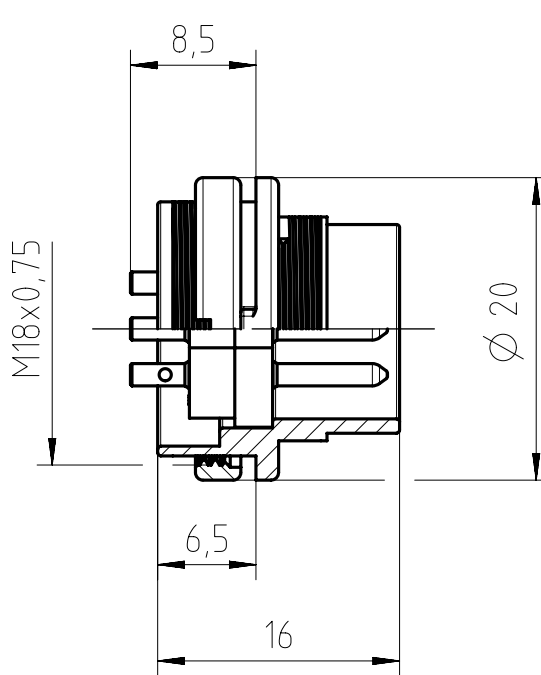


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Number of contacts	Standard	3	4	5	5	6	7	7	8	12	14	14	19
Contact arrangement	IEC 61076-2-106	03-a	04-a	05-a	05-b	06-a	07-a	07-b	08-a	12-a	14-a	14-b	19-a
Contact arrangement	IEC 60130-9 ⁿ	yes		no	yes		no		yes		no		
Rated voltage ²⁾	IEC 60664-1	300 V (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		≤0,5mm² / 20 AWG								≤0,35mm² / 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: 0,012 kg

Prüfmaß / Testdimension

Teileindex / Partindexnumber:

Bagatelle change:

Gez. Drawn

Status

Gepr. Checked

03.11.2020

MCARLE

Released

10.02.2021

MBERTSCH

Amphenol Tuchel

Industrial GmbH

Zul. Abw./Tolerances:

ISO 2768-c

DIN / ISO 13715

Maßstab / Scale: 2:1

A3

CUSTOMER DRAWING

Gerätestecker 12 Pol

Front mounting

M WA T 3XXX 0XX U

Blatt / Sheet 1

1 Bl.

Ers. f. / Replacement for:

Index

Änderung / Description

Datum / Date

Name

	19 (19-a)	Ag	T 3692 000 U
		Au	T 3692 018 U
	14 (14-b)	Ag	T 3672 000 U
		Au	T 3672 018 U
	14 (14-a)	Ag	T 3652 001 U
		Au	T 3652 000 U
	12 (12-a)	Ag	T 3637 001 U
		Au	T 3637 000 U
	8 (08-a)	Ag	T 3506 000 U
		Au	T 3506 018 U
	7 (07-b)	Ag	T 3486 000 U
		Au	T 3486 018 U
	7 (07-a)	Ag	T 3477 000 U
		Au	T 3477 018 U
	6 (6-a)	Ag	T 3402 000 U
		Au	T 3402 018 U
	5 (05-b)	Ag	T 3362 010 U
		Au	T 3358 018 U
	5 (05-a)	Ag	T 3362 000 U
		Au	T 3362 018 U
	4 (04-a)	Ag	T 3302 000 U
		Au	T 3302 018 U
	3 (03-a)	Ag	T 3262 000 U
		Au	T 3262 018 U
	2 (Pin 1+3)	Ag	T 3202 000 U
		Au	T 3202 018 U
Contact arrangement View on mating side	Number of contacts (Contact arrangement acc. DIN EN 61076-2-106)	Part number	

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