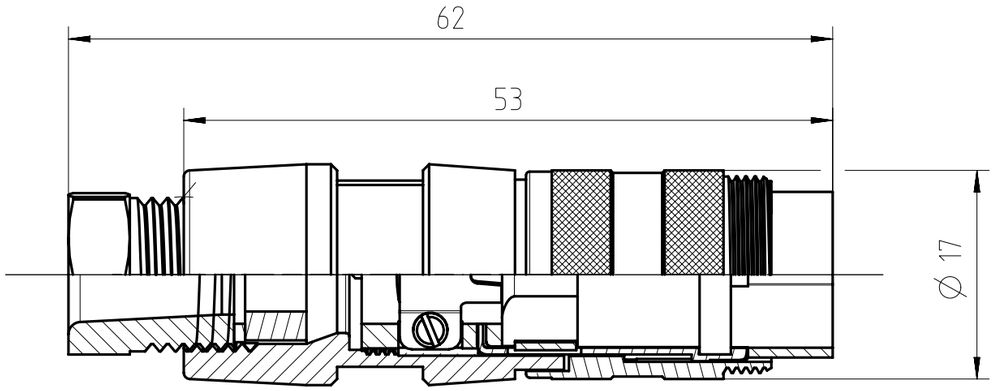
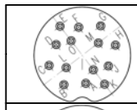
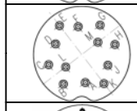
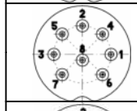
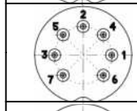
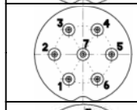
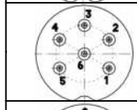
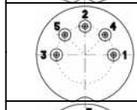
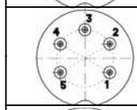
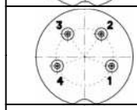
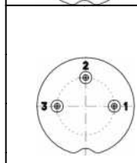
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Number of contacts	Standard	3	4	5	5	6	7	7	8	12	14
Contact arrangement	IEC 61076-2-106	03-a	04-a	05-a	05-b	06-a	07-a	07-b	08-a	12-a	14-a
Contact arrangement	IEC 60130-9[1]	yes		no	yes		no	yes		no	
Rated voltage[2]	IEC 60664-1	300 V (100 V)		300 V (63 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									
Current rating	IEC 60512-5-2 UL 1977	10A/+40°C		7A/+40°C						3A/+40°C	
Insulation resistance	IEC 60512-3-1	>10¹⁰ 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									
contacts		silver or gold plated, please order contacts separately acc. to drawing M-N 01 015 00XX X (3-8pol) or M-N 01 010 0158 X (12-14pol)									
termination technique		crimp									
wire gauge		0,09-1,0mm²			0,09-0,75 mm²	0,09-1,0 mm²		0,09-0,75mm²		0,09-0,25mm²	
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 incoporated to protected ground.
All technical data have been measured in a laboratory environment and can be different during pratical usage of the product. Any product information is for descriptive usage only and not legally binding; particulary the information does not constitute or provide any legal guaranties ("Beschaffenheitsgarantie" or " Haltbarkeitsgarantie").

	14 (14-a)	T 3650 554 U
	12 (12-a)	T 3635 554 U
	8 (08-a)	T 3504 554 U
	7 (07-b)	T 3484 554 U
	7 (07-a)	T 3475 554 U
	6 (6-a)	T 3400 554 U
	5 (05-b)	T 3356 554 U
	5 (05-a)	T 3360 554 U
	4 (04-a)	T 3300 554 U
	3 (03-a)	T 3260 554 U
	2 (Pin 1+3)	T 3200 554 U
Contact arrangement View on mating side	Number of contacts (Contact arrangement acc. DIN EN 61076-2-106)	Part number

Index	Änderung / Description	Datum / Date	Name
01	202100006	15.06.2021	MCARL

Gewicht (errechnet) / *Calc WT*: 0,026 kg
Prüfmaß / *Testdimension*
Teileindex / *Partindexnumber:*
Bagatelle change:

Zul. Abw. / *Tolerances*: ISO 2768-c
DIN / ISO 13715

Maßstab / *Scale*: 2:1 | A3

Gez. / Drawn: 15.06.2021 MCARLE
Status: Released
Gepr. / Checked: 16.06.2021 MBERTSCH

Amphenol Tuchel Industrial GmbH

CUSTOMER DRAWING

Male cable connector
for cable diameter 4-6mm

M HA T 3XXX 554 U

Blatt / *Sheet* 1 | 1 Bl.

Ers. f. / *Replacement for*:

FAI2021-002724 | NXM-V03

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