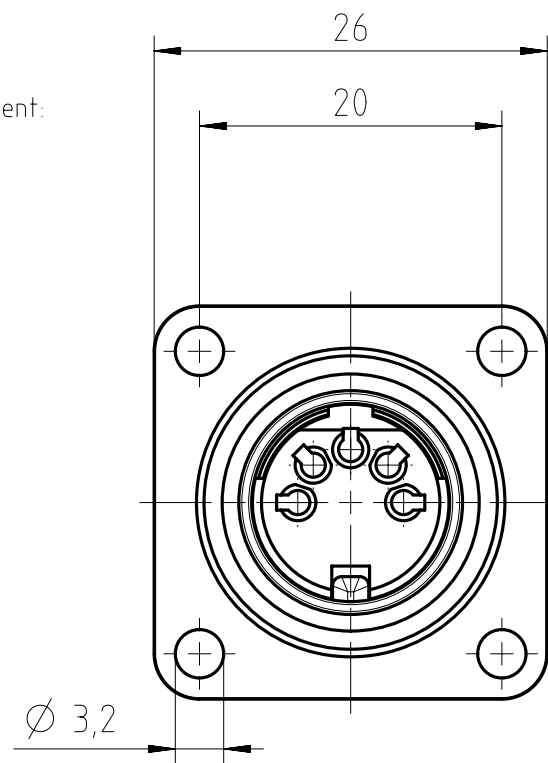
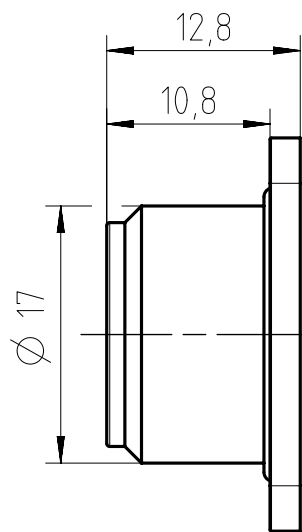
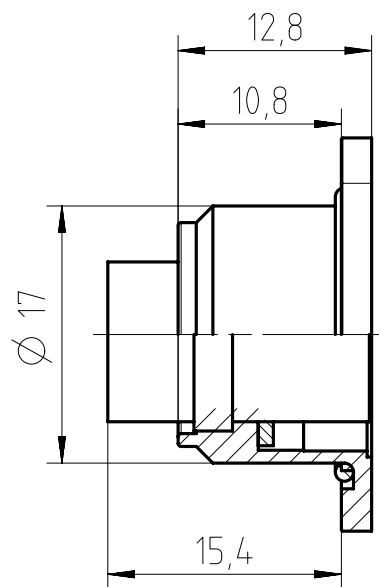


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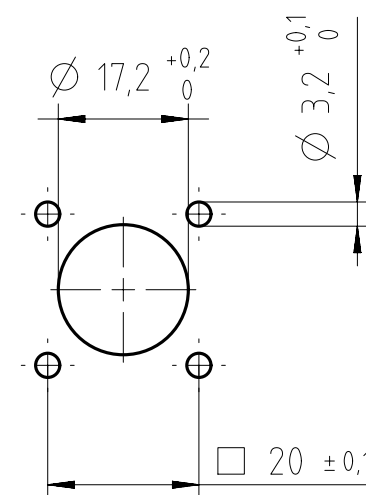
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Valid for contact arrangement: 05b, 07b, 08a, 12a, 14a
Valid for contact arrangement: 03a, 04a, 05a, 06a, 07a



Panel Cutout



Sealing area must be flat and polished.
Provide suitable sealing for the screws.

D	Number of contacts	Standard	3	4	5	5S	6	7	7	8	12	14
	Contact arrangement	DIN EN 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⁾			-			-			-	
	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	250 V								60 V	
	Rated impulse withstand voltage ²⁾	IEC 60664-1	1500 V (840 V)			1200 V (500 V)	1500 V (840 V)		1200 V (500 V)			
	Pollution degree ²⁾	IEC 60664-1	1 (3 ³⁾)									
	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/+104°F						3A/+40°C/+104°F	
	Insulation resistance	IEC 60512-3-1	>10 ¹⁰ Ohm ⁴⁾									
	Contact resistance	IEC 60512-2-1	<5m Ohm									
	Climatic category	IEC 60668-1	40 / 100 / 56									
	Temperatur range	IEC 60668-1	-40°C...+100°C / -40°F...+212°F									
	salt spray resistance	DIN IEC 60068-2-11	720h									
	IP degree	IEC 60529	IP 69K / IP 67 / IP 65 (in mated condition)									
	Insertion and withdrawal force	IEC 60512-13-2	25N	30N	35N		50N	55N		60N	50N	
	Mechanical operation	IEC 60512-9-1	silver ≥500 mating cycles gold ≥1000 mating cycles									
B	Housing material		brass and / or zinc die cast, nickel plated									
	Dielectric material		thermoplastic									
	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 0157 X U (12-14pol)									
	Termination technique		crimp									
	Wire gauge		2-6 pol (exclusive 5S): 0,09-1,0mm ² / 28-18 AWG 5S, 7, 7S, 8pol: 0,09-0,75mm ² / 28-20 AWG								0,09-0,25mm ² / 28-24 AWG	
	Flamability		UL 94 V0									
	locking system	IEC 60130-9 DIN EN 61076-2-106	metal screw coupling; tightening torque 1,0-1,5Nm									

¹⁾ Edition 2000-05

²⁾ values in brackets are according to DIN EN 61076-2-106

³⁾ designed acc. pollution degree 2; can be used under pollution degree 3 when the rules of IEC 60644-1 are fulfilled

⁴⁾ under operating conditions >10⁸ Ohm

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. Do not connect or disconnect under load. Metal housing parts shall be securely incorporated to protected ground.
Parts according to directive 2002/95/EG (RoHS).

	14 (14-a)	C091 11T014 000 2 U
	12 (12-a)	C091 11T012 000 2 U
	8 (08-a)	C091 11T008 000 2 U
	7 (07-b)	C091 11T107 000 2 U
	7 (07-a)	C091 11T007 000 2 U
	6 (06-a)	C091 11T006 000 2 U
	5 (05-b)	C091 11T105 000 2 U
	5 (05-a)	C091 11T005 000 2 U
	4 (04-a)	C091 11T004 000 2 U
	3 (03-a)	C091 11T003 000 2 U
Contact arrangement View on mating side	Number of contacts (Contact arrangement acc. IEC 61076-2-106)	Part number

Gewicht (errechnet) / Calc WT:

Prüfmaß / Testdimension

Teileindex / Partindexnumber:

Bagatelle change:

Zul. Abw./Tolerances:

ISO 2768-c

Gez. 23.04.2020

Drawn MCARLE

Status Released

Gepr. 30.04.2020

Checked MGRIMM

Amphenol Tuchel

Industrial GmbH

Maßstab / Scale:

2:1

A3

1

CUSTOMER DRAWING

female receptacle

Gerätedose

M C091 11TXXX 000 2 U

Blatt / Sheet

1 Bl.

Ers. f. / Replacement for: M-C091 11TXXX 000 2 U Rev02

Index Änderung / Description Datum / Date Name

03 202000001 30.04.2020 MCARLE

FAI2020-0014-18
NXM-V02

Mouser Electronics

Authorized Distributor

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