



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)	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)	1500 V (500 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						
Current rating	IEC 60512-5-2 UL 1977				5A/+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 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						
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 28-24 AWG		0,09-0,25mm ² / 28-24 AWG				
Flamability					UL 94 VO						
locking system	IEC 60130-9 DIN EN 61076-2-106				metal screw coupling; tightening torque 0,7Nm						

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 guarantees. 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 11N014 000 2 U
	12 (12-a)	C091 11N012 000 2 U
	8 (08-a)	C091 11N008 000 2 U
	7 (07-b)	C091 11N107 000 2 U
	7 (07-a)	C091 11N007 000 2 U
	6 (06-a)	C091 11N006 000 2 U
	5 (05-b)	C091 11N105 000 2 U
	5 (05-a)	C091 11N005 000 2 U
	4 (04-a)	C091 11N004 000 2 U
	3 (03-a)	C091 11N003 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 :	g	Zul. Abw./Tolerances :		Maßstab / Scale :	2:1	A3	
				DIN / ISO	13715		
Teileindex Partindexnumber		2014	Datum/Date	CUSTOMER DRAWING			
		Gez. Drawn	25.06.	Gerätedose			
		Gepr. Checked		female receptacle			
Amphenol-Tuchel Electronics GmbH		M	C091 11NXXX 000 2 U	Blatt/Sheet	1		
Index Änderung/Description		Datum/Date	Name	1 Bl.			
Ers. f. / Replacement for :							

Mouser Electronics

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