

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							
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	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

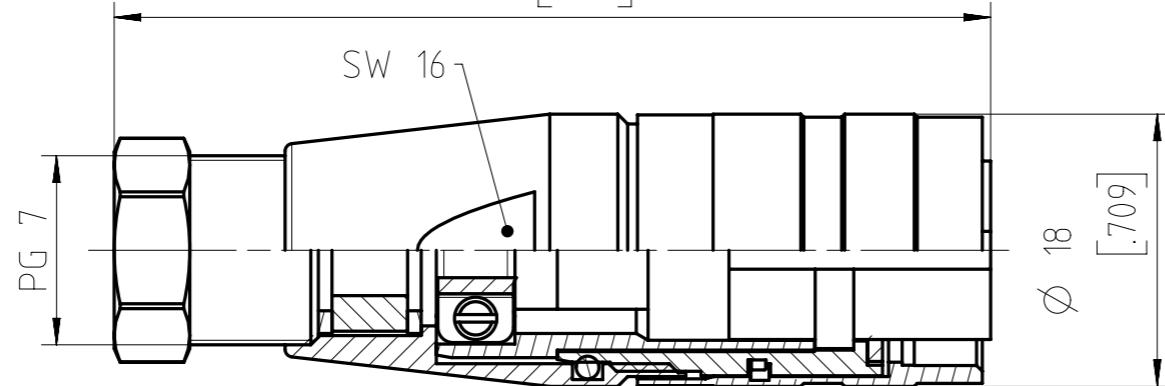
³⁾ designed acc. pollution degree 2; can be used under pollution degree 3 when the rules of IEC 60644-1 are fulfilled

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).

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[2.281]



	14 (14-a)	C091 11D014 000 2 U
	12 (12-a)	C091 11D012 000 2 U
	8 (08-a)	C091 11D008 000 2 U
	7 (07-b)	C091 11D107 000 2 U
	7 (07-a)	C091 11D007 000 2 U
	6 (06-a)	C091 11D006 000 2 U
	5 (05-b)	C091 11D105 000 2 U
	5 (05-a)	C091 11D005 000 2 U
	4 (04-a)	C091 11D004 000 2 U
	3 (03-a)	C091 11D003 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	
Prüfmaß / Testdimension		DIN / ISO 13715					
Teileindex							
Partindexnumber							
2014	Datum/Date	Name					
Gez.	25.06.	Mohr Lang					
Drawn							
Gepr.							
Checked							
Amphenol-Tuchel Electronics GmbH	M	C091 11DXXX 000 2 U	Blatt/Sheet 1				
Index	Änderung/Description	Datum/Date	Name	Ers. f. / Replacement for :			1 Bl.

Kabeldose PG7
female cable connector

Mouser Electronics

Authorized Distributor

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