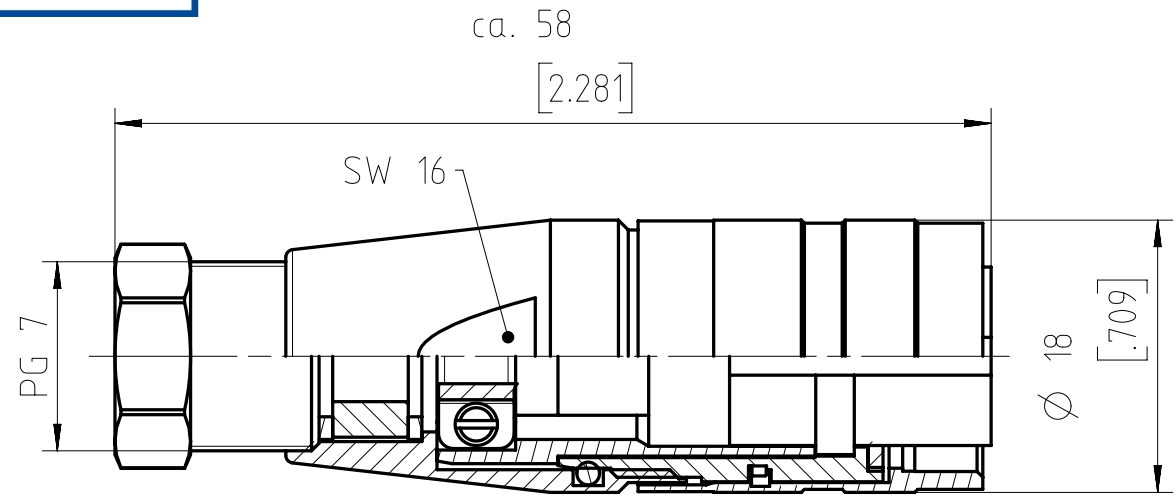


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D	Number of contacts	Standard	3	4	5	5S	6	7	7	8	12	14		
	Contact arrangement	DIN EN 61076-2-106	03-a	04-a	05-a	05-b	06-a	07-a	07-b	08-a	12-a	14-a		
	Contact arrangement	IEC 60130-9 ¹⁾			-			-			-			
	Rated voltage ²⁾	IEC 60664-1	300 V (100 V)		300 V (63 V)	100 V (32 V)	300 V (63 V)		100 V (32 V)		150 V (32 V)			
C	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											
B	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 seperately 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): 0,09-1,0mm² / 28-18 AWG 5S, 7, 7S, 8pol: 0,09-0,75mm² / 28-20 AWG									0,09-0,25mm² / 28-24 AWG		
	Flamability		UL 94 V0											
A	locking system	IEC 60130-9 DIN EN 61076-2-106	metal screw coupling; tightening torque 0,7Nm											
	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 >10 ⁸ Ohm													

	14 (14-a)	C091 11D014 000 2 U	F
	12 (12-a)	C091 11D012 000 2 U	
	8 (08-a)	C091 11D008 000 2 U	E
	7 (07-b)	C091 11D107 000 2 U	
	7 (07-a)	C091 11D007 000 2 U	D
	6 (06-a)	C091 11D006 000 2 U	
	5 (05-b)	C091 11D105 000 2 U	C
	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						CUSTOMER DRAWING							
Teileindex Partindexnumber					DIN / ISO 13715	Kabeldose PG7							
			2014	Datum/Date		female cable connector							
			Gez.	25.06.	Mohrlang								
			Gepr.										
			Checked										
			Amphenol-Tuchel Electronics GmbH			M C091 11DXXX 000 2 U		Blatt/Sheet 1 1 Bl.					
01	2014-00467	25.06.14	IM										
Index	Änderung/Description	Datum/Date	Name	Ers. f. / Replacement for:									