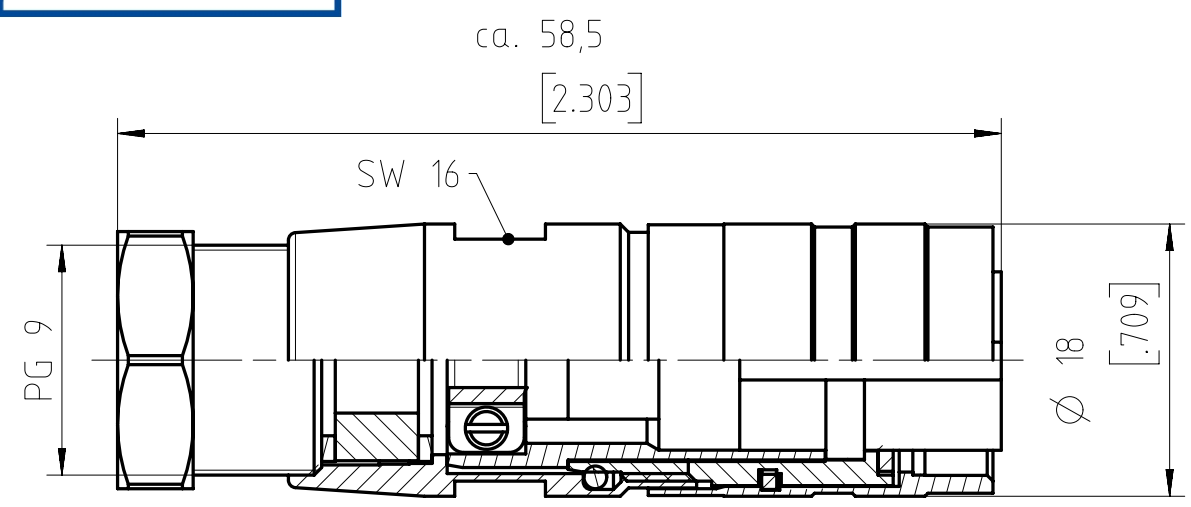


Copied of this document and giving it to others and the use or communication of the contents thereof, are forbidden without express authority. Offenders are liable to the payment of damages. All rights are reserved in the event of the grant of a patent or the registration of the utility model or design.

Weitergabe sowie Vervielfältigung dieser Unterlage, Verwertung und Mitteilung ihres Inhalts nicht gestattet, soweit nicht ausdrücklich zugestanden. Zuwiderhandlungen verpflichten zu Schadenersatz. Alle Rechte für den Fall der Patenterteilung oder Gebrauchsmuster-Eintragung vorbehalten.



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)				
C	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)									
B	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 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 0158 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										
	locking system	IEC 60130-9 DIN EN 61076-2-106	metal screw coupling; tightening torque 0,7Nm										

	14 (14-a)	C091 11D014 001 2 U	F
	12 (12-a)	C091 11D012 001 2 U	
	8 (08-a)	C091 11D008 001 2 U	E
	7 (07-b)	C091 11D107 001 2 U	
	7 (07-a)	C091 11D007 001 2 U	D
	6 (06-a)	C091 11D006 001 2 U	
	5 (05-b)	C091 11D105 001 2 U	C
	5 (05-a)	C091 11D005 001 2 U	
	4 (04-a)	C091 11D004 001 2 U	
	3 (03-a)	C091 11D003 001 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				Kabeldose PG9 female cable connector					
		2014	Datum/Date	Name					
		Gez.	27.06.	Mohrlang					
		Drawn							
		Gepr.							
		Checked							
		Amphenol-Tuchel Electronics GmbH		M	C091 11DXXX 001 2 U	Blatt/Sheet 1 1 Bl.			
01	2014-00467	27.06.14	IM						
Index	Änderung/Description	Datum/Date	Name	Ers. f. / Replacement for:					