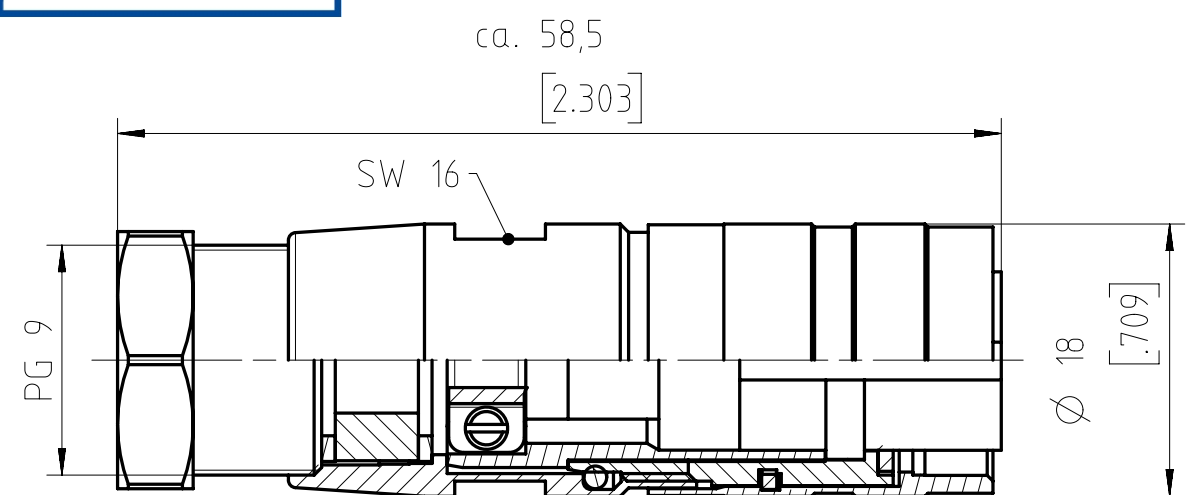


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Number of contacts	Standard	3	4	5	5S	6	7	8	12	14	
Contact arrangement	DIN EN 61076-2-106	03-a	04-a	05-a	05-b	06-a	07-a	07-b	08-a	12-a	14-a
Contact arrangement	IEC 60130-9 ¹⁾			-			-			-	
Rated voltage ²⁾	IEC 60664-1	300 V (100 V)		300 V (63 V)	100 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 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
	12 (12-a)	C091 11D012 001 2 U
	8 (08-a)	C091 11D008 001 2 U
	7 (07-b)	C091 11D107 001 2 U
	7 (07-a)	C091 11D007 001 2 U
	6 (06-a)	C091 11D006 001 2 U
	5 (05-b)	C091 11D105 001 2 U
	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

Prüfmaß / Testdimension

Teileindex
Partindexnumber

Zul. Abw./Tolerances:

2014
Gez.
Drawn
Gepr.
Checked

Datum/Date
27.06.

Name
Mohrlang

Maßstab / Scale: 2:1

A3

CUSTOMER DRAWING

Kabeldose PG9

female cable connector

Amphenol-Tuchel Electronics GmbH

M C091 11DXXX 001 2 U

Blatt/Sheet 1

Index

Änderung/Description

Datum/Date

Name

Ers. f. / Replacement for:

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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