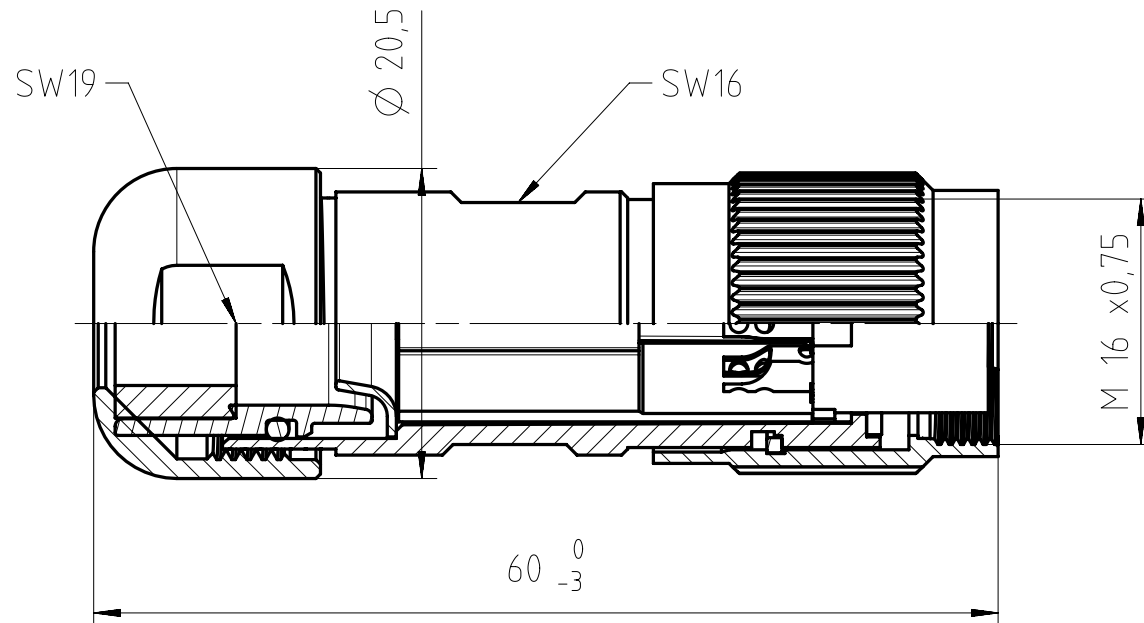


Copying of this document and giving it to others and the use or communication of the contents thereof, are forbidden without express authority. Offenders are liable to the payment of damages. All rights are reserved in the event of the grant of a patent or the registration of the utility model or design.

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.

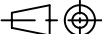


② Assembly instruction see N 22 091 0025

Number of contacts	Standard	3	4	5	5	6	7	7	8	12	14
Contact arrangement	IEC 61076-2-106	03-a	04-a	05-a	05-b	06-a	07-a	07-b	08-a	12-a	14-a
Rated voltage	IEC 60664-1	150 V		100 V	32 V	100 V		32 V			
Rated impulse withstand voltage	IEC 60664-1	2500 V		1500 V	800 V	1500 V		800 V			
Pollution degree	IEC 60664-1	3 ⁿ									
Installation category	IEC 60664-1	III									
Insulation group	IEC 60664-1	II									
Current rating	IEC 60512-5-3	10A/+40°C		7A/+40°C						3A/+40°C	
Insulation resistance	IEC 60512-3-1	>10 ¹⁰ Ohm ²⁾									
Contact resistance	IEC 60512-2-1	<5mOhm									
Climatic category	IEC 60668-1	40 / 100 / 21									
Temperatur range		-40°C...+100°C									
IP degree	↑EC 60529	IP 68									
Insertion and withdrawal force	IEC 60512-13-2	25N	30N	35N	35N	50N	55N	55N	60N	50N	50N
mechanical operation	IEC 60512-9-1	≥500									
material housing		Zinc die cast, nickel plated									
dielectric material		Thermoplast									
sealing material		Chloroprene									
contacts		silver or gold plated									
termination technique		solder									
wire gauge		≤0,5mm²								≤0,35mm²	
flamability		UL 94 V0									
locking system		metal screw coupling; tightening torque 0,5 - 0,7Nm									

¹⁾ under operating conditions >10⁸ Ohm
²⁾ designed according pollution degree 2, can be used under pollution degree 3 if the rules according IEC 60664-1 are fulfilled
Reamrk for gold plated contacts:
In order to avoid brittle inter-metallic connections, gold plated terminals have to be tin-plated in the solder area.
All technical data have been measured in a laboratory environment and can be different during pratical 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 guaranties ("Beschaffenheitsgarantie" or "Haltbarkeitgarantie").

	14 (14-a)	C091 31D014 101 4 U	C091 31D014 201 4 U
	12 (12-a)	C091 31D012 101 4 U	C091 31D012 201 4 U
	8 (08-a)	C091 31D008 101 4 U	C091 31D008 201 4 U
	7 (07-b)	C091 31D107 101 4 U	C091 31D107 201 4 U
	7 (07-a)	C091 31D007 101 4 U	C091 31D007 201 4 U
	6 (06-a)	C091 31D006 101 4 U	C091 31D006 201 4 U
	5 (05-b)	C091 31D105 101 4 U	C091 31D105 201 4 U
	5 (05-a)	C091 31D005 101 4 U	C091 31D005 201 4 U
	4 (04-a)	C091 31D004 101 4 U	C091 31D004 201 4 U
	3 (03-a)	C091 31D003 101 4 U	C091 31D003 201 4 U
Contact arrangement View on mating side	Number of contacts (Contact arrangement acc. IEC 61076-2-106)	Part number with silver plated contacts	Part number with gold plated contacts

Gewicht (errechnet) / Calc WT : g				Zul. Abw./Tolerances :		Maßstab / Scale : 2:1		A3			
 Prüfmaß / Testdimension				 DIN / ISO 13715		Material: Oberfläche:					
Teileindex Partindexnumber											
				2013	Datum/Date	Name					
				Gez.	24.06.	Carle					
				Drawn							
				Gepr.							
				Checked							
				Amphenol-Tuchel Electronics GmbH							
02	201300837	04.12.13	IM							Blatt/Sheet 1	
01	201300382	02.07.13	CM							M	
Index Änderun <i>g</i> /Description				Datum/Date		Name		Ers. f. / Replacement for :			

Mouser Electronics

Authorized Distributor

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

[Amphenol:](#)

[C091 31D105 201 4](#)