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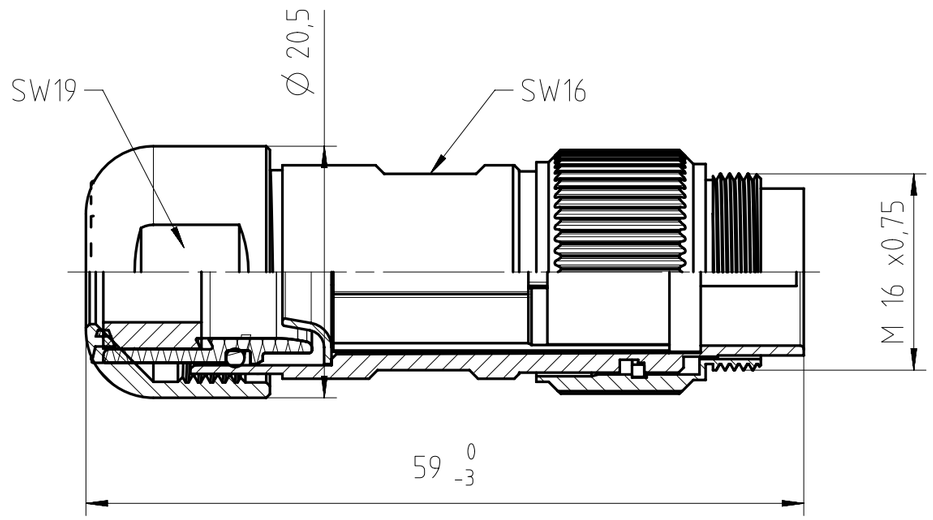
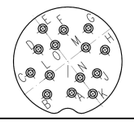
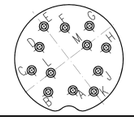
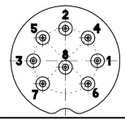
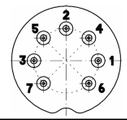
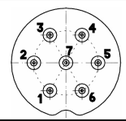
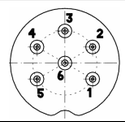
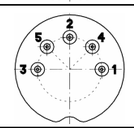
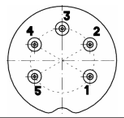
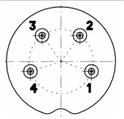
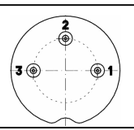


⑫ Assembly instruction see N 22 091 0022

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	
Rated impulse withstand voltage	IEC 60664-1	2500 V		1500 V						800 V	
Pollution degree	IEC 60664-1	3[1]									
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	IEC 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, please order contacts separately acc. to drawing M-N 01 015 00XX X (3-8pol) or M-N 01 010 0158 X (12-14pol)									
termination technique		crimp									
wire gauge		0,09-1,0mm²		0,09-0,75 mm²	0,09-1,0m m²		0,09-0,75mm²			0,09-0,25mm²	
flamability		UL 94 V0									
locking system		metal screw coupling; tightening torque 0,5 - 0,7Nm									

[1] under operating conditions >10^{8} Ohm
[2] designed according pollution degree 2, can be used under pollution degree 3 if the rules according IEC 60664-1 are fulfiled

All technical data have been measured in a laboratory environment and can be different during pratical usage of the product. Any product informtion is for descriptive usage only and not legally binding; particulary the information does not constitute or provide any legal guaranties ("Beschaffenheitsgarantie" or " Haltbarkeitsgarantie").
Do not connect or disconnect under load. Metal housing parts shall be securely incoporated to protected ground.

	Contact arrangement View on mating side	Number of contacts (Contact arrangement acc. IEC 61076-2-106)	Part number
1		14 (14-a)	C091 11H014 001 4 U
2		12 (12-a)	C091 11H012 001 4 U
3		8 (08-a)	C091 11H008 001 4 U
4		7 (07-b)	C091 11H107 001 4 U
5		7 (07-a)	C091 11H007 001 4 U
6		6 (06-a)	C091 11H006 001 4 U
7		5 (05-b)	C091 11H105 001 4 U
8		5 (05-a)	C091 11H005 001 4 U
9		4 (04-a)	C091 11H004 001 4 U
10		3 (03-a)	C091 11H003 001 4 U

Gewicht (errechnet) / *Calc WT* : g	Zul. Abw./ *Tolerances* :	Maßstab / *Scale* : 2:1	A3
Prüfmaß / *Testdimension*	DIN / ISO 13715	Material:	
Teileindex *Partindexnumber*		Oberfläche:	

Index	Änderung/ *Description*	Datum/ *Date*	Name
02	201300837	04.12.13	IM
01	201300382	02.07.13	Cm

	Datum/ *Date*	Name
2013		
Gez. *Drawn*	17.05.	Carle
Gepr. *Checked*		i.A. G.

Amphenol-Tuchel Electronics GmbH

male cable connector
for cable diameters 6-8mm

M	C091 11HXXX 001 4 U	Blatt/ *Sheet* 1 / 1 Bl.

Ers. f. / *Replacement for* :