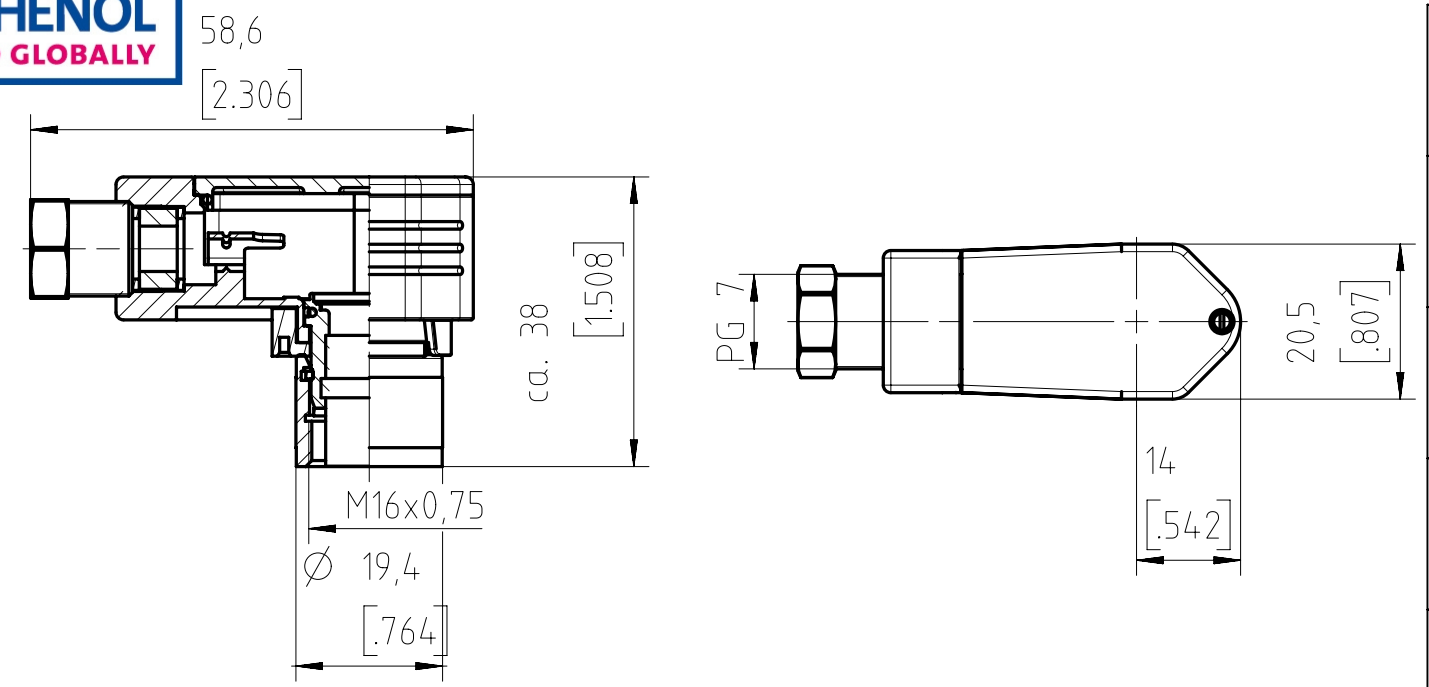


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Number of contacts	Standard	3	4	5	5S	6	7	7	8	12	14	
Contact arrangement	DIN EN 61076-2-106	03-a	04-a	05-a	05-b	06-a	07-a	07-b	08-a	12-a	14-a	
Contact arrangement	IEC 60130-9 ¹⁾			-			-			-		
Rated voltage ²⁾	IEC 60664-1	300 V (100 V)		300 V (63 V)	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)				
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 zinc 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 VO										
locking system	IEC 60130-9 DIN EN 61076-2-106	metal screw coupling; tightening torque 0,7Nm										

	14 (14-a)	C091 11F014 000 2 U
	12 (12-a)	C091 11F012 000 2 U
	8 (08-a)	C091 11F008 000 2 U
	7 (07-b)	C091 11F107 000 2 U
	7 (07-a)	C091 11F007 000 2 U
	6 (06-a)	C091 11F006 000 2 U
	5 (05-b)	C091 11F105 000 2 U
	5 (05-a)	C091 11F005 000 2 U
	4 (04-a)	C091 11F004 000 2 U
	3 (03-a)	C091 11F003 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: 1:1		A3	
		Prüfmaß / Testdimension				CUSTOMER DRAWING	
Teileindex		Partindexnumber					
				2014	Datum/Date	Name	
				Gez.	25.06.	Mohrlang	
				Gepr.			
				Checked			
				Amphenol-Tuchel Electronics GmbH		M C091 11FXXX 000 2 U	
01	2014-00467	25.06.14	IM				
Index	Änderung/Description	Datum/Date	Name	Ers. f. / Replacement for:		Blatt/Sheet 1 1 Bl.	

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