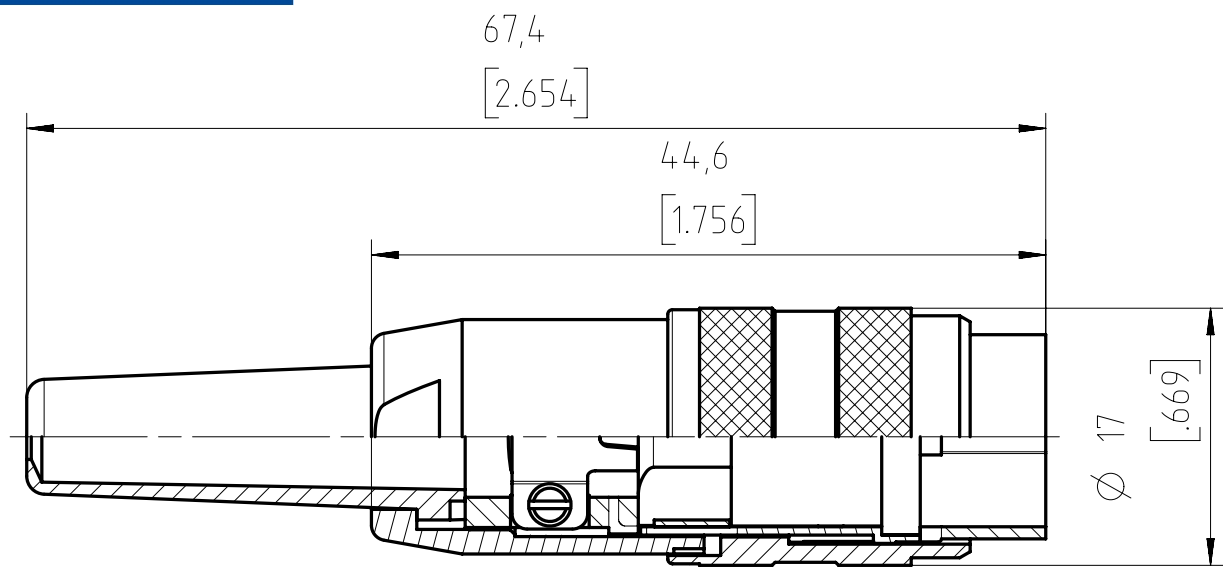


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D	Number of contacts	Standard	3	4	5	5S	6	7	7	8	12	14									
	Contact arrangement	DIN EN 61076-2-106	03-a	04-a	05-a	05-b	06-a	07-a	07-b	08-a	12-a	14-a									
E	Contact arrangement	IEC 60130-9 ¹⁾			-			-													
	Rated voltage ²⁾	IEC 60664-1	300 V (100 V)		300 V (63 V)	100 V (32 V)	300 V (63 V)		100 V (32 V)		150 V (32 V)										
F	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)													
G	Pollution degree ²⁾	IEC 60664-1	1 (3 ³⁾)																		
	Installation category	IEC 60664-1	I																		
H	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										
I	Insulation resistance	IEC 60512-3-1	>10 ¹⁰ Ohm ⁴⁾																		
	Contact resistance	IEC 60512-2-1	<5m Ohm																		
J	Climatic category	IEC 60668-1	40 / 100 / 56																		
	Temperatur range	IEC 60668-1	-40°C...+100°C / -40°F...+212°F																		
K	IP degree	IEC 60529	IP 40 (in mated condition)																		
	Insertion and withdrawal force	IEC 60512-13-2	25N	30N	35N	50N	55N	60N	50N												
L	Mechanical operation	IEC 60512-9-1	silver ≥500 mating cycles gold ≥1000 mating cycles																		
	Housing material		brass and / or zinc die cast, nickel plated																		
M	Dielectric material		thermoplastic																		
	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 U (12-14pol)																		
N	Termination technique		crimp																		
	Wire gauge		2-6 pol (exclusive 5S): 0,09-1,0mm ² / 28-18 AWG								0,09-0,25mm ² / 28-24 AWG										
O	Flamability		UL 94 V0																		
	locking system	IEC 60130-9 DIN EN 61076-2-106	metal screw coupling; tightening torque 0,7Nm																		

¹⁾ Edition 2000-05
²⁾ values in brackets are according to DIN EN 61076-2-106
³⁾ designed acc. pollution degree 2; can be used under pollution degree 3 when the rules of IEC 60644-1 are fulfilled
⁴⁾ under operating conditions >10⁸ Ohm

All technical data have been measured in a laboratory environment and can be different

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