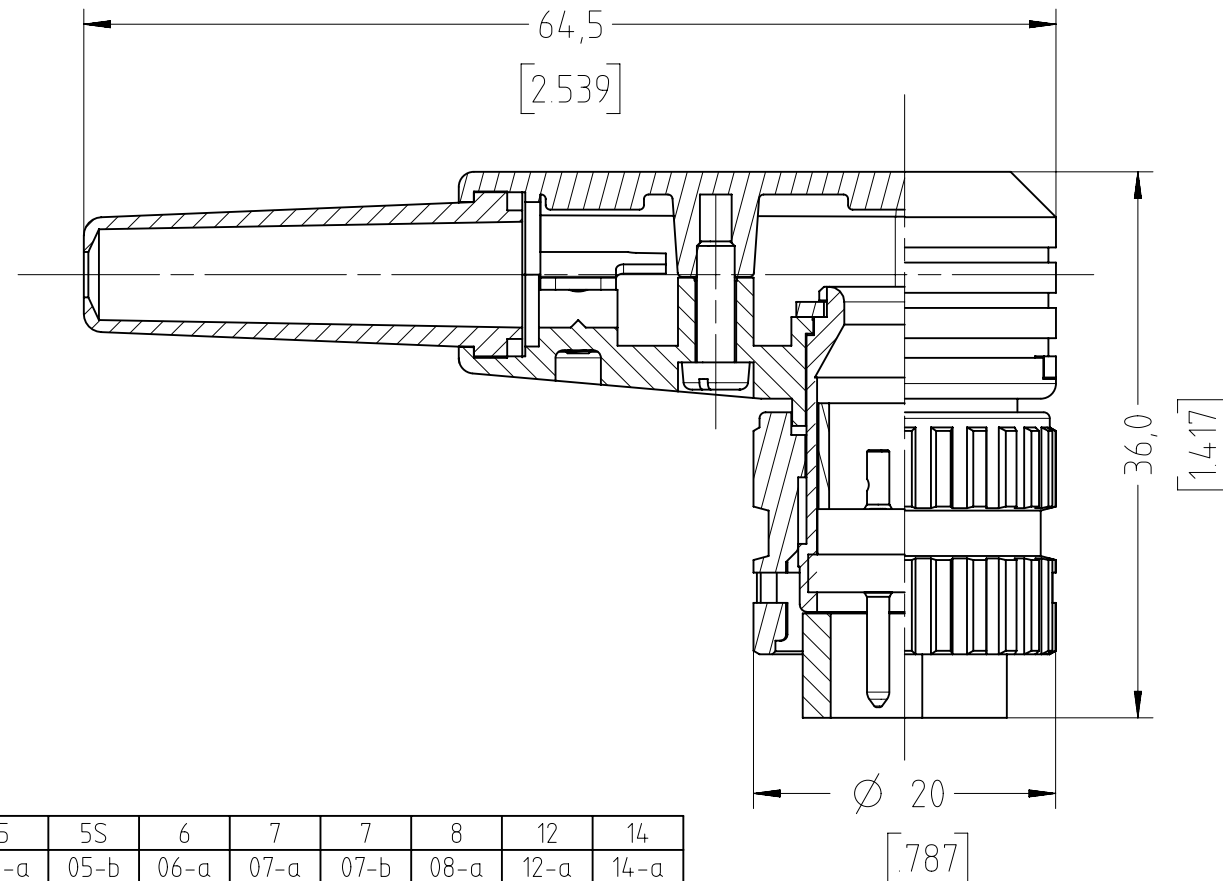
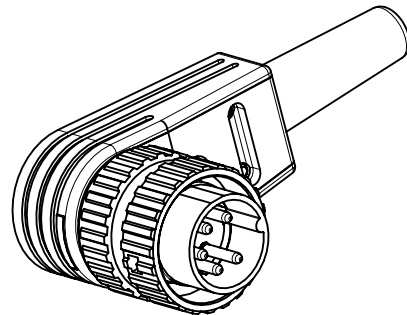


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Number of contacts	Standard	3	4	5	5S	6	7	7	8	12	14								
Contact arrangement	DIN EN 61076-2-106	03-a	04-a	05-a	05-b	06-a	07-a	07-b	08-a	12-a	14-a								
Contact arrangement	IEC 60130-9 ¹⁾			-			-			-									
Rated voltage ²⁾	IEC 60664-1	300 V (100 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 (2 ³⁾)																	
Installation category	IEC 60664-1	I																	
Insulation group	IEC 60664-1	II, 400 ≤ CTI < 600																	
Current rating	IEC 60512-5-2 UL 1977	10A/+40°C/+104°F		7A/+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																	
IP degree	IEC 60529	IP 40																	
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 01 015 00XX X (3-8pol) or M-N 01 010 0158 X U (12-14pol)																	
Termination technique		solder, crimp																	
Wire gauge		2-6 pol (exclusive 5S): 0,09-1,0mm ² / 28-18 AWG				0,09-0,25mm ² / 28-24 AWG													
Flamability		UL 94 V0																	

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 60664-1 are fulfilled
⁴⁾ under operating conditions >10⁸ Ohm
⁵⁾ Remark 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 practical 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. Do not connect or disconnect under load. Metal housing parts shall be securely incorporated to protected ground.
Parts according to directive 2002/95/EG (RoHS).

	14 (14-a)	Ag	T 3644 005 U
		Au	T 3644 058 U
	12 (12-a)	Ag	T 3624 005 U
		Au	T 3624 058 U
	8 (08-a)	Ag	T 3524 005 U
		Au	T 3524 058 U
	7 (07-b)	Ag	T 3444 005 U
		Au	T 3444 058 U
	7 (07-a)	Ag	T 3434 005 U
		Au	T 3434 058 U
	6 (6-a)	Ag	T 3424 005 U
		Au	T 3424 058 U
	5 (05-b)	Ag	T 3394 005 U
		Au	T 3394 058 U
	5 (05-a)	Ag	T 3374 005 U
		Au	T 3374 058 U
	4 (04-a)	Ag	

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