

Connectors M 23 RJ 45



Housings

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Accessories

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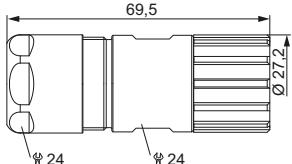


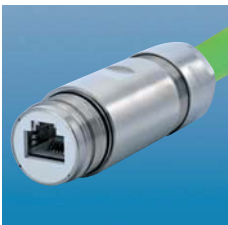
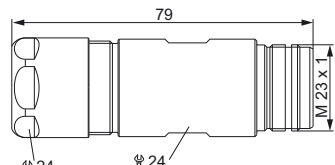
M 23 RJ45 Control Signal Connectors

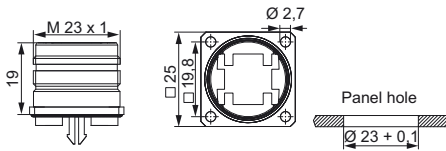
Technical Data	Materials and Technical Data
Housing	Brass Alloy, Die Cast
Housing Surface	Nickel Plated
Inserts (for contacts)	PBT UL-94 V0, PA 6
Contacts	Brass Alloy
Contact Surface at point of contact	Depends on RJ 45 type used
Seals / O-Rings	NBR / FKM (Viton)
Temperature Range	Depends on RJ 45 type used
Degree of Protection	IP 67 / IP 69 K per EN 60529 (mated)
Cable diameter range	3 - 7 / 7 - 12 / 11 - 17mm
Number of Positions	4 / 6 / 8 poles, optional 4 + 2 / 6 + 2 / 8 + 2
Nominal Current ¹⁾ [A]	Depends on RJ 45 type used
Nominal Voltage ²⁾ [V~]	Depends on RJ 45 type used
Test Voltage [V~]	Depends on RJ 45 type used
Insulation Resistance [MΩ]	Depends on RJ 45 type used
Max. Crossover Resistance [mΩ]	Depends on RJ 45 type used
Max. Data Rate	Depends on RJ 45 type used

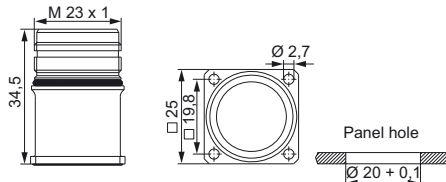
^{1), 2)} See Technical Information page 14

Connectors M 23 RJ 45 / Housing

Straight Connector Female Thread	Cable-Ø	Part Number
 	3 – 7 mm (.12 - .28")7.R10.400.000 Connector with insert for patch cable Suitable patch cable and plugs can be recommended	Assembly instructions page 61

Straight Connector Male Thread	Cable-Ø	Part Number
 	3 – 7 mm (.12 - .28")7.R20.408.000 Incl. 8 poles coupler, fully occupied	Assembly instructions page 62

Panel Connector Front Mount, dip solder insert	Type	Part Number
 	4 holes 2.7 mm, Flange7.R40.008.000 Incl. 8 poles dip solder insert 4 holes 2.7 mm, Flange7.R40.082.000 Incl. 8 + 2 poles dip solder insert	

Panel Connector, Front Mount	Type	Part Number
 	with vibration protection 4 holes 2.7 mm, Flange7.R41.008.000 Incl. 8 poles coupler, fully occupied	

Connectors M 23 RJ 45 / Housing

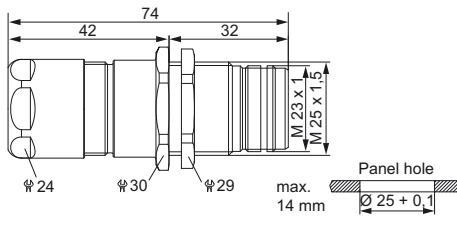
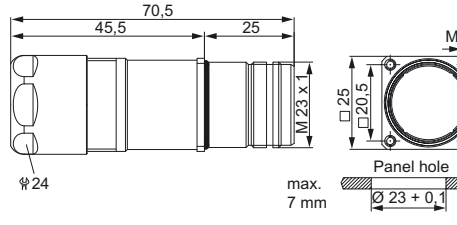
Type	Part Number	Single Hole Panel Connector	
Front Mount M 20 x 1,5 thread7.R42.008.000 Incl. 8 poles coupler, fully occupied Optional: Gasket M 20 x 1,5, Locking Nut			

Type	Part Number	Single Hole Panel Connector	
Rear Mount M 25 x 1,5 thread7.R50.008.000 Incl. 8 poles coupler, fully occupied M 25 x 1,5 Locking Nut included			

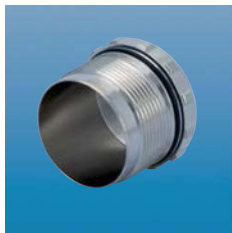
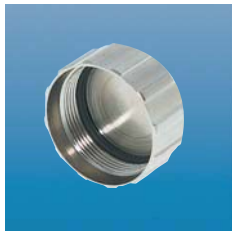
Type	Part Number	Right Angle Panel Connector, Male Thread	
300° rotating, locking screw at flange 4 holes 2.7 mm, Flange7.R43.008.000 Incl. 8 poles coupler, fully occupied Optional: Gasket Simple installation with M 2.5 screws			

Type	Part Number	Panel Connector Rear Mount, dip solder insert	
with vibration protection 4x M 3 thread, Flange7.R45.008.000 Incl. 8 poles dip solder insert 4x M 3 thread, Flange7.R45.082.000 Incl. 8 + 2 poles dip solder insert			

Connectors M 23 RJ 45 / Housing

Single Hole Panel Connector with strain relief	Cable-Ø	Part Number
 	Single Hole, Rear Mount , M 25 x 1,5 thread 3 – 7 mm (.12 - .28")7.R52.408.000 Incl. 8 poles coupler, fully occupied M 25 x 1,5 Locking Nut included	
Panel Connector with strain relief	Cable-Ø	Part Number
 	4x M 2,5 thread, Flange, Rear Mount 3 – 7 mm (.12 - .28")7.R47.408.000 Incl. 8 poles coupler, fully occupied	

Connectors M 23 RJ 45 / Accessories

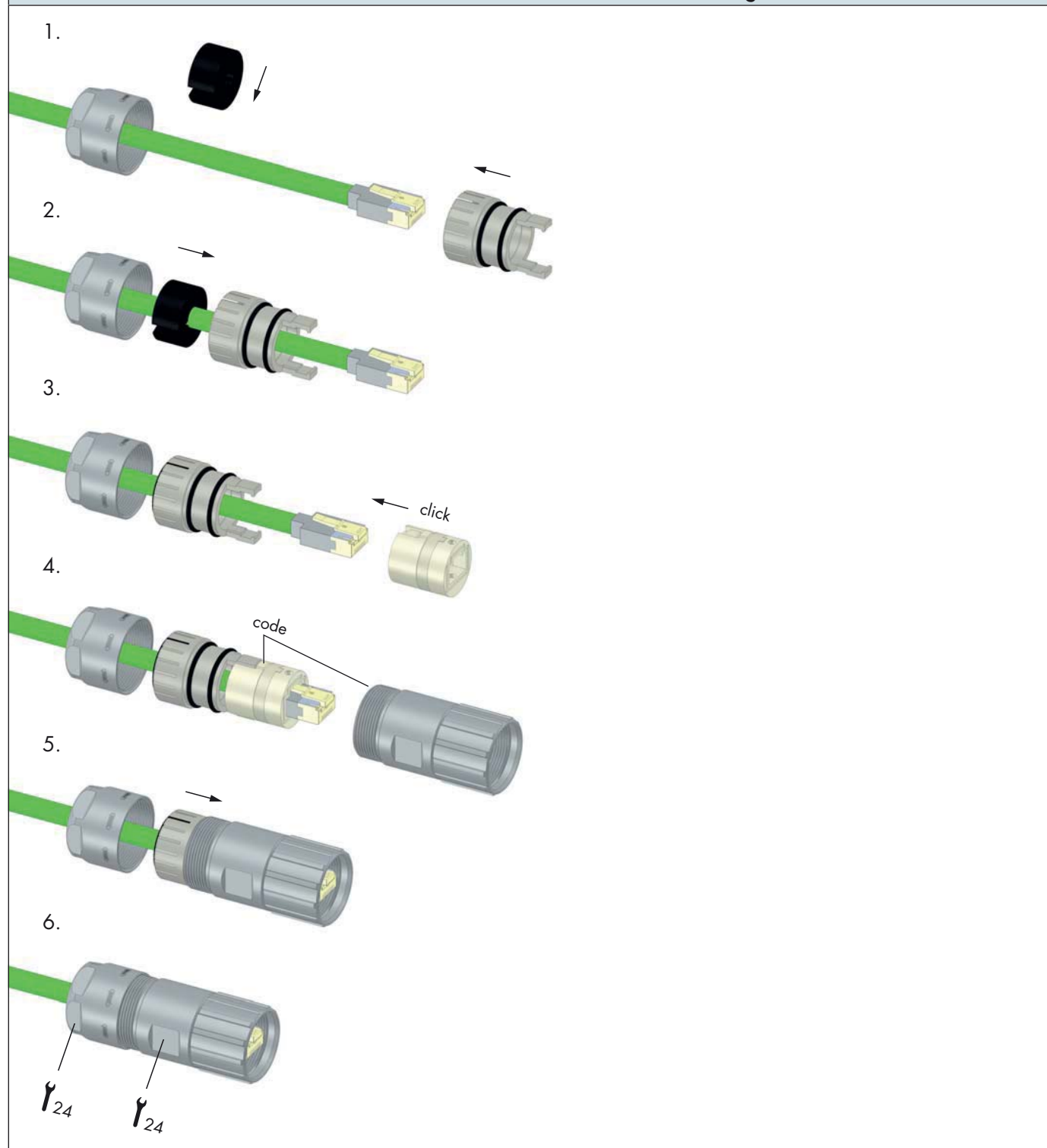
Type	Part Number	Accessories
Plastic protective cap for connectors with male thread for connectors with female thread	7.000.900.101 7.000.900.102	
Brass protective cap for connectors with female thread	7.010.900.183	
Brass protective cap for connectors with male thread	7.010.900.102	
Brass protective cap with chain for connectors with female threadLength 70 mmLength 100 mm	7.010.9S0.783 7.010.9S1.083	
Brass protective cap with chain for connectors with male threadLength 70 mmLength 100 mm	7.010.9S0.702 7.010.9S1.002	
Adapter flange for straight connectors	7.010.900.128	

Connectors M 23 RJ 45 / Accessories

Accessories	Type	Part Number
	Adapter for Conduit Fittings	Snapflex 16..... 7.010.900.204
		DN 12 7.010.900.205
		Snapflex 20..... 7.010.900.206
		DN 14 7.010.900.207
		Snapflex 25..... 7.010.900.208
		DN 17 7.010.900.209
	Suitable patch cable	on request
	Field attachable RJ45 connector	8-poleA7RJ-081M41
		8+2-poleA7RJ-821M51

Connectors M 23 RJ45 / Assembly Instructions

Straight Connector, Female Thread



Connectors M 23 RJ 45 / Assembly Instructions

Male Threaded Connector

