

M12 Field Attachable Connectors (DUO)

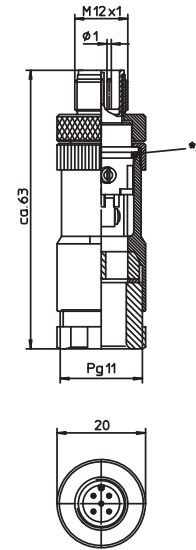
RSC...DUO | RKC...DUO



Male, 4- and 5-Pole

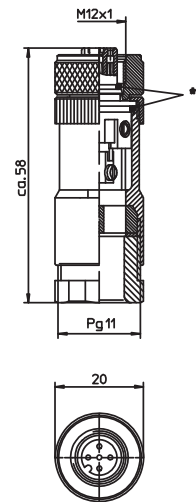
Field attachable connector, M12 Duo male connector, 4- and 5-pole with threaded joint, for two cable connections, assembling with screw terminals.

RSC...DUO



*a O-Ring

RKC...DUO



*a O-Ring



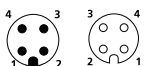
Female, 4- and 5-Pole

Field attachable connector, M12 Duo female connector, 4- and 5-pole with threaded joint, for two cable connections, assembling with screw terminals.

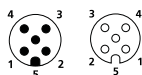
Pin Assignments

Face Views / M12, Male / Female

4 pole



5 pole





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RSC...DUO | RKC...DUO

Technical Data

Environmental

Degree of protection	IP 67 / NEMA 6P
Operating temperature range	-25°C (-13°F) / +90°C (+194°F)

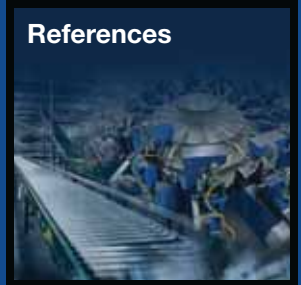
Mechanical

Housing / Molded body	PBT
Insert	PBT
Contact	CuZn, pre-coppered, CuSnZn
Receptacle shell	CuZn, nickel plated
O-ring	FKM
Mode of connection	Screw terminals
Connectable conductor	max. 0.75 mm ²

Electrical

Contact resistance	≤ 5 mΩ
Nominal current at 40°C	4 A
Nominal voltage	4 poles 240 V
	5 poles 60 V
Rated voltage	4 poles 250 V
	5 poles 63 V
Test voltage	4 poles 2.0 kV eff. / 60 s
	5 poles 1.5 kV eff. / 60 s
Insulation resistance	> 10 ⁹ Ω
Pollution degree	3

Part Number		Pins	Cable Diameter Range	Characteristics
Male	Female			
RSC 4/DUO	RKC 4/DUO	4	2 x 3 mm / 2 x 5 mm	
RSC 5/DUO	RKC 5/DUO	5	2 x 3 mm / 2 x 5 mm	



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Part Number Configurations: Micro M12 Field Attachable Connectors (Male)

RSC 4 / DUO

Pins/ Poles	Thread Sizes	Male Straight Screw Terminals	Male 90° Screw Terminals	Male Straight Shieldable Screw Terminals	Male Straight Shieldable Spring Terminals	Male Straight Spring Terminals	Male Straight Screw Terminals Stainless Steel Hexagon Nut	Male 90° Screw Terminals Stainless Steel Hexagon Nut	Pins/ Thread Size	Dual Cable Connection
3	Ø 3.0-6.5 mm/SW 15	RSC	RSCW						3/7	
3	Ø 4.0-8.0 mm/SW 15	RSC	RSCW						3/9	
3	Ø 3.0-6.5 mm/SW 15					RSCQ			3/7	
3	Ø 4.0-8.0 mm/SW 15					RSCQ			3/9	
3	Ø 4.0-9.0 mm				RSCQS				3/9	
4	Ø 3.0-6.5 mm/SW 15	RSC	RSCW						4/7	
4	Ø 4.0-8.0 mm/SW 15	RSC	RSCW						4/9	
4	Ø 3.0-6.5 mm/SW 15					RSCQ			4/7	
4	Ø 4.0-8.0 mm/SW 15					RSCQ			4/9	
4	Ø 3.0-6.5 mm/SW 15						RSCN	RSCWN	4/7	
4	Ø 4.0-8.0 mm/SW 15						RSCN	RSCWN	4/9	
4	2 x 3 mm / 2 x 5 mm	RSC							4	DUO
4	2 x 3 mm / 2 x 5 mm						RSCN		4	DUO
4	Ø 4.0-9.0 mm			RSCS	RSCQS				4/9	
5	Ø 3.0-6.5 mm/SW 15	RSC	RSCW						5/7	
5	Ø 4.0-8.0 mm/SW 15	RSC	RSCW						5/9	
5	Ø 3.0-6.5 mm/SW 15						RSCN	RSCWN	5/7	
5	Ø 4.0-8.0 mm/SW 15						RSCN	RSCWN	5/9	
5	2 x 3 mm / 2 x 5 mm	RSC							5	DUO
5	Ø 4.0-9.0 mm			RSCS					5/9	
8	Ø 4.0-8.0 mm/SW 15	RSC	RSCW						8/9	
8	Ø 4.0-8.0 mm/SW 15						RSCN		8/9	
8	Ø 4.0-9.0 mm			RSCS					8/9	

Table 8.1. Part Number Configurations for Micro M12 Field Attachable Connectors

EXAMPLE: Receptacle

RSC 4/DUO = Micro M12, field attachable, male, straight with screw terminal connection, 4pole, thread size 2 x 3mm / 2 x 5mm with two cable connections.