

M12 Field Assembly Connector, Screw Termination, Straight



Specification						
Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V				60V	
Wire gauge	22AWG/0.34mm²					
Number of positions	6	8				
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	2A					
Rated voltage	30V					
Wire gauge	24AWG/0.25mm²					
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25℃ ~ +80℃					
Protection rating	IP67(Mated)					
Body material	PA66					
Screw nut material	Brass, Nickel Plated					
Insulation material	PA66+GF					
Contact termination	Screw Termination					
Contact material	Brass, Gold Plated					
Seal	NBR, Black					
Shielding	Unshielded					
Mating cycles	≥500					

Part Number		
Number of positions	Female	Male
2	RHT-634-3371-02-PG7/PG9	RHT-634-3370-02-PG7/PG9
3	RHT-634-3371-03-PG7/PG9	RHT-634-3370-03-PG7/PG9
4	RHT-634-3371-04-PG7/PG9	RHT-634-3370-04-PG7/PG9
4D	RHT-634-3371-4D-PG7/PG9	RHT-634-3370-4D-PG7/PG9
5	RHT-634-3371-05-PG7/PG9	RHT-634-3370-05-PG7/PG9
5B	RHT-634-3371-5B-PG7/PG9	RHT-634-3370-5B-PG7/PG9
6	RHT-634-3371-06-PG7/PG9	RHT-634-3370-06-PG7/PG9
8	RHT-634-3371-08-PG7/PG9	RHT-634-3370-08-PG7/PG9

M12 Field Assembly Connector, Solder Cup, Straight



Specification						
Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V				60V	
Wire gauge	22AWG/0.34mm ²					
Number of positions	6	8	12	17		
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	2A		1.5A			
Rated voltage	30V					
Wire gauge	24AWG/0.25mm ²		26AWG/0.14mm ²			
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25℃ ~ +80℃					
Protection rating	IP67(Mated)					
Body material	PA66					
Screw nut material	Brass, Nickel Plated					
Insulation material	PA66+GF					
Contact termination	Solder Cup					
Contact material	Brass, Gold Plated					
Seal	NBR, Black					
Shielding	Unshielded					
Mating cycles	≥500					

Part Number		
Number of positions	Female	Male
2	RHT-634-3223-02	RHT-634-3091-02
3	RHT-634-3223-03	RHT-634-3091-03
4	RHT-634-3223-04	RHT-634-3091-04
4D	RHT-634-3223-4D	RHT-634-3091-4D
5	RHT-634-3223-05	RHT-634-3091-05
5B	RHT-634-3223-5B	RHT-634-3091-5B
6	RHT-634-3223-06	RHT-634-3091-06
8	RHT-634-3223-08	RHT-634-3091-08
12	RHT-634-3223-12	RHT-634-3091-12
17	RHT-634-3223-17	RHT-634-3091-17

M12 Field Assembly Connector, Screw Termination, Angled



Specification						
Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V				60V	
Wire gauge	22AWG/0.34mm ²					
Number of positions	6	8				
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	2A					
Rated voltage	30V					
Wire gauge	24AWG/0.25mm ²					
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25℃ ~ +80℃					
Protection rating	IP67(Mated)					
Body material	PA66					
Screw nut material	Brass, Nickel Plated					
Insulation material	PA66+GF					
Contact termination	Screw Termination					
Contact material	Brass, Gold Plated					
Seal	NBR, Black					
Shielding	Unshielded					
Mating cycles	≥500					

Part Number		
Number of positions	Female	Male
2	RHT-634-3373-02-PG7/PG9	RHT-634-3372-02-PG7/PG9
3	RHT-634-3373-03-PG7/PG9	RHT-634-3372-03-PG7/PG9
4	RHT-634-3373-04-PG7/PG9	RHT-634-3372-04-PG7/PG9
4D	RHT-634-3373-4D-PG7/PG9	RHT-634-3372-4D-PG7/PG9
5	RHT-634-3373-05-PG7/PG9	RHT-634-3372-05-PG7/PG9
5B	RHT-634-3373-5B-PG7/PG9	RHT-634-3372-5B-PG7/PG9
6	RHT-634-3373-06-PG7/PG9	RHT-634-3372-06-PG7/PG9
8	RHT-634-3373-08-PG7/PG9	RHT-634-3372-08-PG7/PG9

M12 Field Assembly Connector, Screw Termination, Straight



Specification						
Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V				60V	
Wire gauge	22AWG/0.34mm²					
Number of positions	6	8				
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	2A					
Rated voltage	30V					
Wire gauge	24AWG/0.25mm²					
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25℃ ~ +80℃					
Protection rating	IP67(Mated)					
Body material	Zinc, Nickel Plated					
Screw nut material	Brass, Nickel Plated					
Insulation material	TPU					
Contact termination	Screw Termination					
Contact material	Brass, Gold Plated					
Seal	NBR, Black					
Shielding	Shielded					
Mating cycles	≥500					

Part Number		
Number of positions	Female	Male
2	RHT-634-3325-02	RHT-634-3324-02
3	RHT-634-3325-03	RHT-634-3324-03
4	RHT-634-3325-04	RHT-634-3324-04
4D	RHT-634-3325-4D	RHT-634-3324-4D
5	RHT-634-3325-05	RHT-634-3324-05
5B	RHT-634-3325-5B	RHT-634-3324-5B
6	RHT-634-3325-06	RHT-634-3324-06
8	RHT-634-3325-08	RHT-634-3324-08

M12 Field Assembly Connector, Solder Cup, Straight



Specification						
Number of positions	2	3	4	4D	5	5B
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	4A					
Rated voltage	250V				60V	
Wire gauge	22AWG/0.34mm ²					
Number of positions	6	8	12			
Insert arrangement (Female)						
Insert arrangement (Male)						
Rated current	2A		1.5A			
Rated voltage	30V					
Wire gauge	24AWG/0.25mm ²		26AWG/0.14mm ²			
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Temperature range	-25℃ ~ +80℃					
Protection rating	IP67(Mated)					
Body material	Zinc Alloy, Nickel Plated					
Screw nut material	Brass, Nickel Plated					
Insulation material	TPU					
Contact termination	Solder Cup					
Contact material	Brass, Gold Plated					
Seal	NBR, Black					
Shielding	Shielded					
Mating cycles	≥500					

Part Number		
Number of positions	Female	Male
2	RHT-634-3292-02	RHT-634-3291-02
3	RHT-634-3292-03	RHT-634-3291-03
4	RHT-634-3292-04	RHT-634-3291-04
4D	RHT-634-3292-4D	RHT-634-3291-4D
5	RHT-634-3292-05	RHT-634-3291-05
5B	RHT-634-3292-5B	RHT-634-3291-5B
6	RHT-634-3292-06	RHT-634-3291-06
8	RHT-634-3292-08	RHT-634-3291-08
12	RHT-634-3292-12	RHT-634-3291-12

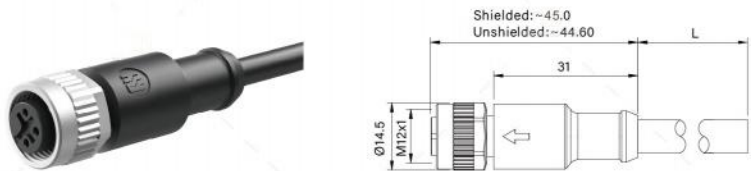
M12 Field Assembly Connector, Crimp, Straight



Specification					
Number of positions	3	4	4D	5	5B
Insert arrangement (Female)					
Insert arrangement (Male)					
Rated current	4A				
Rated voltage	250V			60V	
Wire gauge	22AWG/0.34mm ²				
Number of positions	6	8	12		
Insert arrangement (Female)					
Insert arrangement (Male)					
Rated current	2A		1.5A		
Rated voltage	30V				
Wire gauge	24AWG/0.25mm ²		26AWG/0.14mm ²		
Insulation resistance	≥100MΩ				
Contact resistance	≤10mΩ				
Temperature range	-25 °C ~ +80 °C				
Protection rating	IP67(Mated)				
Body material	Zinc Alloy, Nickel Plated				
Screw nut material	Brass, Nickel Plated				
Insulation material	PA66+GF				
Contact termination	Crimp				
Contact material	Brass, Gold Plated				
Seal	NBR, Black				
Shielding	Shielded				
Mating cycles	≥500				

Part Number		
Number of positions	Female	Male
3	RHT-634-3221-03	RHT-634-3220-03
4	RHT-634-3221-04	RHT-634-3220-04
4D	RHT-634-3221-4D	RHT-634-3220-4D
5	RHT-634-3221-05	RHT-634-3220-05
5B	RHT-634-3221-5B	RHT-634-3220-5B
6	RHT-634-3221-06	RHT-634-3220-06
8	RHT-634-3221-08	RHT-634-3220-08
12	RHT-634-3221-12	RHT-634-3220-12

M12 Single-ended Cable,Female Straight



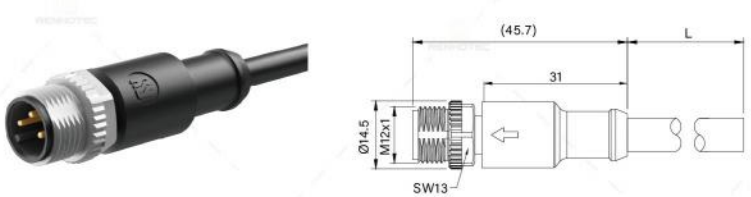
Specification

Number of positions	2	3	4	4D	5	5B	6	8	12	17
Insert arrangement (Female)										
Insert arrangement (Male)										
Insulation resistance	≥100MΩ									
Contact resistance	≤5mΩ									
Temperature range	-25℃ ~ +80℃									
Protection rating	IP67(Mated)									
Over-molding material	TPU/PVC									
Screw nut material	Zinc Alloy, Nickel Plated									
Insulation material	PA66+GF									
Contact termination	Solder Cup									
Contact material	Brass, Gold Plated									
Cable material	PVC/PUR/Customized									
Cable Colour	Black/Customized									
Seal	FKM									
Shielding	Unshielded/Shielded									
Mating cycles	≥500									

Part Number

Number of positions	Cable Length	Unshielded		Shielded	
		PVC	PUR	PVC	PUR
2	1m	RHT-M12002-02-C-100	RHT-M12002-02-R-100	RHT-M12006-02-C-100	RHT-M12006-02-R-100
	Customized	RHT-M12002-02-C-XXX	RHT-M12002-02-R-XXX	RHT-M12006-02-C-XXX	RHT-M12006-02-R-XXX
3	1m	RHT-M12002-03-C-100	RHT-M12002-03-R-100	RHT-M12006-03-C-100	RHT-M12006-03-R-100
	Customized	RHT-M12002-03-C-XXX	RHT-M12002-03-R-XXX	RHT-M12006-03-C-XXX	RHT-M12006-03-R-XXX
4	1m	RHT-M12002-04-C-100	RHT-M12002-04-R-100	RHT-M12006-04-C-100	RHT-M12006-04-R-100
	Customized	RHT-M12002-04-C-XXX	RHT-M12002-04-R-XXX	RHT-M12006-04-C-XXX	RHT-M12006-04-R-XXX
4D	1m	RHT-M12002-4D-C-100	RHT-M12002-4D-R-100	RHT-M12006-4D-C-100	RHT-M12006-4D-R-100
	Customized	RHT-M12002-4D-C-XXX	RHT-M12002-4D-R-XXX	RHT-M12006-4D-C-XXX	RHT-M12006-4D-R-XXX
5	1m	RHT-M12002-05-C-100	RHT-M12002-05-R-100	RHT-M12006-05-C-100	RHT-M12006-05-R-100
	Customized	RHT-M12002-05-C-XXX	RHT-M12002-05-R-XXX	RHT-M12006-05-C-XXX	RHT-M12006-05-R-XXX
5B	1m	RHT-M12002-5B-C-100	RHT-M12002-5B-R-100	RHT-M12006-5B-C-100	RHT-M12006-5B-R-100
	Customized	RHT-M12002-5B-C-XXX	RHT-M12002-5B-R-XXX	RHT-M12006-5B-C-XXX	RHT-M12006-5B-R-XXX
6	1m	RHT-M12002-06-C-100	RHT-M12002-06-R-100	RHT-M12006-06-C-100	RHT-M12006-06-R-100
	Customized	RHT-M12002-06-C-XXX	RHT-M12002-06-R-XXX	RHT-M12006-06-C-XXX	RHT-M12006-06-R-XXX
8	1m	RHT-M12002-08-C-100	RHT-M12002-08-R-100	RHT-M12006-08-C-100	RHT-M12006-08-R-100
	Customized	RHT-M12002-08-C-XXX	RHT-M12002-08-R-XXX	RHT-M12006-08-C-XXX	RHT-M12006-08-R-XXX
12	1m	RHT-M12002-12-C-100	RHT-M12002-12-R-100	RHT-M12006-12-C-100	RHT-M12006-12-R-100
	Customized	RHT-M12002-12-C-XXX	RHT-M12002-12-R-XXX	RHT-M12006-12-C-XXX	RHT-M12006-12-R-XXX
17	1m	RHT-M12002-17-C-100	RHT-M12002-17-R-100	RHT-M12006-17-C-100	RHT-M12006-17-R-100
	Customized	RHT-M12002-17-C-XXX	RHT-M12002-17-R-XXX	RHT-M12006-17-C-XXX	RHT-M12006-17-R-XXX

M12 Single-ended Cable, Male Straight



Specification

Number of positions	2	3	4	4D	5	5B	6	8	12	17
Insert arrangement (Female)										
Insert arrangement (Male)										
Insulation resistance	≥100MΩ									
Contact resistance	≤5mΩ									
Temperature range	-25℃ ~ +80℃									
Protection rating	IP67(Mated)									
Over-molding material	TPU/PVC									
Screw nut material	Zinc Alloy, Nickel Plated									
Insulation material	PA66+GF									
Contact termination	Solder Cup									
Contact material	Brass, Gold Plated									
Cable material	PVC/PUR/Customized									
Cable Colour	Black/Customized									
Seal	FKM									
Shielding	Unshielded/Shielded									
Mating cycles	≥500									

Part Number

Number of positions	Cable Length	Unshielded		Shielded	
		PVC	PUR	PVC	PUR
2	1m	RHT-M12001-02-C-100	RHT-M12001-02-R-100	RHT-M12005-02-C-100	RHT-M12005-02-R-100
	Customized	RHT-M12001-02-C-XXX	RHT-M12001-02-R-XXX	RHT-M12005-02-C-XXX	RHT-M12005-02-R-XXX
3	1m	RHT-M12001-03-C-100	RHT-M12001-03-R-100	RHT-M12005-03-C-100	RHT-M12005-03-R-100
	Customized	RHT-M12001-03-C-XXX	RHT-M12001-03-R-XXX	RHT-M12005-03-C-XXX	RHT-M12005-03-R-XXX
4	1m	RHT-M12001-04-C-100	RHT-M12001-04-R-100	RHT-M12005-04-C-100	RHT-M12005-04-R-100
	Customized	RHT-M12001-04-C-XXX	RHT-M12001-04-R-XXX	RHT-M12005-04-C-XXX	RHT-M12005-04-R-XXX
4D	1m	RHT-M12001-4D-C-100	RHT-M12001-4D-R-100	RHT-M12005-4D-C-100	RHT-M12005-4D-R-100
	Customized	RHT-M12001-4D-C-XXX	RHT-M12001-4D-R-XXX	RHT-M12005-4D-C-XXX	RHT-M12005-4D-R-XXX
5	1m	RHT-M12001-05-C-100	RHT-M12001-05-R-100	RHT-M12005-05-C-100	RHT-M12005-05-R-100
	Customized	RHT-M12001-05-C-XXX	RHT-M12001-05-R-XXX	RHT-M12005-05-C-XXX	RHT-M12005-05-R-XXX
5B	1m	RHT-M12001-5B-C-100	RHT-M12001-5B-R-100	RHT-M12005-5B-C-100	RHT-M12005-5B-R-100
	Customized	RHT-M12001-5B-C-XXX	RHT-M12001-5B-R-XXX	RHT-M12005-5B-C-XXX	RHT-M12005-5B-R-XXX
6	1m	RHT-M12001-06-C-100	RHT-M12001-06-R-100	RHT-M12005-06-C-100	RHT-M12005-06-R-100
	Customized	RHT-M12001-06-C-XXX	RHT-M12001-06-R-XXX	RHT-M12005-06-C-XXX	RHT-M12005-06-R-XXX
8	1m	RHT-M12001-08-C-100	RHT-M12001-08-R-100	RHT-M12005-08-C-100	RHT-M12005-08-R-100
	Customized	RHT-M12001-08-C-XXX	RHT-M12001-08-R-XXX	RHT-M12005-08-C-XXX	RHT-M12005-08-R-XXX
12	1m	RHT-M12001-12-C-100	RHT-M12001-12-R-100	RHT-M12005-12-C-100	RHT-M12005-12-R-100
	Customized	RHT-M12001-12-C-XXX	RHT-M12001-12-R-XXX	RHT-M12005-12-C-XXX	RHT-M12005-12-R-XXX
17	1m	RHT-M12001-17-C-100	RHT-M12001-17-R-100	RHT-M12005-17-C-100	RHT-M12005-17-R-100
	Customized	RHT-M12001-17-C-XXX	RHT-M12001-17-R-XXX	RHT-M12005-17-C-XXX	RHT-M12005-17-R-XXX