

IP68



- SP Series IP68
- Threaded coupling



★ Each side can be male or female contact

Material and spec

Coupling	Threaded	
Shell material	PC, Nylon66, fire resistance: V-0	
Insert material	PPS, max temperature 260 °C; Insert material: PA66(New Screw)	
Contact material	Brass with gold plating	
Termination	Solder: SP11, SP13, SP17, SP21, SP25, SP29, Crimp: SP17, SP21, SP25, SP29 Screw: SP17, SP21, SP25, SP29(Ø2.0, Ø2.5, Ø3, Ø3.5mm contact)	
Cable outer diameter range	SP11: I: 3-4mm, II: 4-6.5mm SP17: 6-10mm SP25: I:10-14mm, II: 7-12mm	SP13: I: 4-6.5mm, II: 5-8mm SP21: I: 4.5-7mm, II: 7-12mm, III: 5-9mm SP29: I: 9-13mm, II: 13-16mm
IP rating	IP68	
Mating cycle	500	
Temperature range	-40°C~+85°C	
Insulation resistance	2000 MΩ	



Cable connector
Mate with SP1311,
SP1311C, SP1312

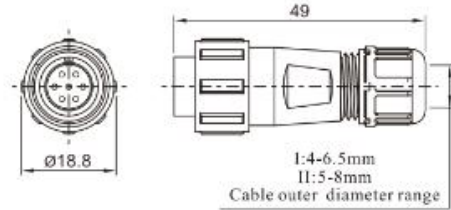
SP1310 / P

SP1310 / S

Male contact

Female contact

Cable outer diameter range
I: 4-6.5mm, II: 5-8mm
Number of contact



BN	Model	Contact	Number of contacts	Cable outer diameter
734415	SP1310/P2I-1-RE	Male	2	4-6.5 mm
734468	SP1310/P3I-1-RE		3	4-6.5 mm
734518	SP1310/P4I-1-RE		4	4-6.5 mm
734570	SP1310/P5I-1-RE		5	4-6.5 mm
734612	SP1310/P5II-1-RE		5	5-8 mm
734661	SP1310/P6II-1-RE		6	5-8 mm
734706	SP1310/P7II-1-RE		7	5-8 mm
734746	SP1310/P9II-1-RE		9	5-8 mm
734788	SP1310/S2I-1-RE	Female	2	4-6.5 mm
734827	SP1310/S3I-1-RE		3	4-6.5 mm
734868	SP1310/S4I-1-RE		4	4-6.5 mm
735173	SP1310/S5I-1-RE		5	4-6.5 mm
735348	SP1310/S5II-1-RE		5	5-8 mm
735409	SP1310/S6II-1-RE		6	5-8 mm
735472	SP1310/S7II-1-RE		7	5-8 mm
735539	SP1310/S9II-1-RE		9	5-8 mm



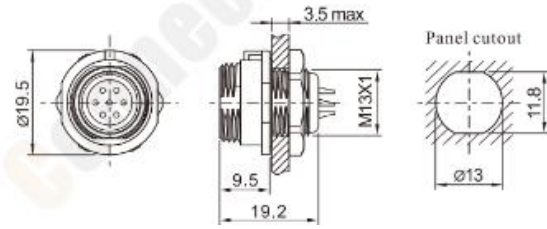
SP1312 / P



SP1312 / S

Rear-nut mount
Mate with SP1310

芯数 Number of contact



BN	Model	Contact	Number of contacts
736100	SP1312/P2-1-GWR	Male	2
736125	SP1312/P3-1-GWR		3
736150	SP1312/P4-1-GWR		4
736174	SP1312/P5-1-GWR		5
736198	SP1312/P6-1-GWR		6
736222	SP1312/P7-1-GWR		7
736247	SP1312/P9-1-GWR		9
736273	SP1312/S2-1-GWR	Female	2
736300	SP1312/S3-1-GWR		3
736328	SP1312/S4-1-GWR		4
736355	SP1312/S5-1-GWR		5
736381	SP1312/S6-1-GWR		6
736408	SP1312/S7-1-GWR		7
736435	SP1312/S9-1-GWR		9

Solder contact spec

Number of contact	2	3	4	5	6	7	9
Male contact face view							
Rated current (A)	13	13	5	5	5	5	3
Contact diameter (mm)	$\phi 1.6 \times 2$	$\phi 1.6 \times 3$	$\phi 1 \times 4$	$\phi 1 \times 5$	$\phi 1 \times 6$	$\phi 1 \times 7$	$\phi 0.7 \times 9$
Rated voltage (AC.V)	250	250	200	180	125	125	125
Test voltage (AC.V) 1 min	1500	1500	1500	1000	1000	1000	1000
Contact resistance (m Ω)	2.5	2.5	5	5	5	5	10
Wire size (mm / AWG)	$\leq 2 / 14$	$\leq 2 / 14$	$\leq 0.75 / 18$	$\leq 0.75 / 18$	$\leq 0.75 / 18$	$\leq 0.75 / 18$	$\leq 0.5 / 20$