

IP 68

05

- SP Series IP68
- Threaded coupling



Material and spec

Coupling	Threaded	
Shell material	PC, Nylon66, fire resistance: V-0	
Insert material	PPS, max temperature 260 ℃; 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℃~+85℃	
Insulation resistance	2000 MΩ	

SP21 Series

RU C RU US

RU C RU US



Cable connector
Mate with SP2111, SP2112, SP2113

SP2110 / P _ _

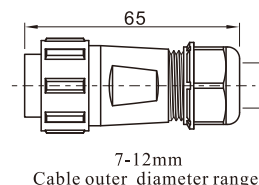
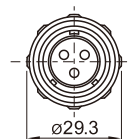
SP2110 / S _ _

Male contact

Female contact

(U): RU, (CU): C RU US
Colour: All black

Number of contact



RU C RU US

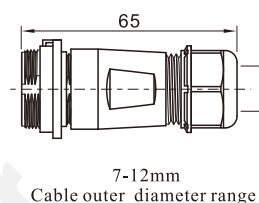
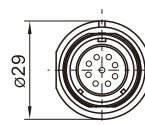
RU C RU US



In-line cable connector
Mate with SP2110

SP2111 / P _ _

SP2111 / S _ _



RU C RU US

RU C RU US

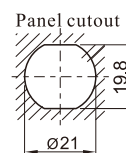
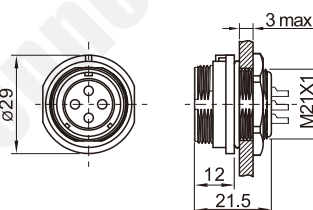


Rear-nut mount
Mate with SP2110

SP2112 / P _ _

SP2112 / S _ _

(U): RU, (CU): C RU US
Number of contact



RU C RU US

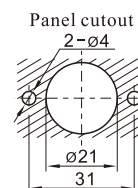
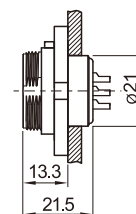
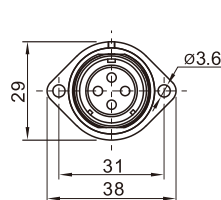
RU C RU US



2-hole flange
Mate with SP2110

SP2113 / P _ _

SP2113 / S _ _



Solder contact spec

Number of contact	2	3	4	5
Male contact face view				
Rated current (A)	30 RU, 20 C RU US	30 RU, 20 C RU US	30 RU, 20 C RU US	30 RU, 20 C RU US
Contact diameter (mm)	Ø3X2	Ø3X3	Ø3X4	Ø3X5
Rated voltage (AC.V)	500	500	500	500
Test voltage(AC.V) 1 min	1500	1500	1500	1500
Contact resistance (mΩ)	1	1	1	1
Termination	solder	solder	solder	solder
Wire size for solder (AWG)	12	12	12	12