

IP 68

05

- 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 ℃; 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



SP
21



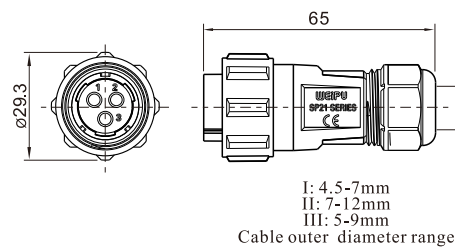
Plug with horizontal mount screw
Mate with SP2111, SP2112

SP2110 / P__-9 SP2110 / S__-9

Male contact

Female contact

Cable outer diameter range
I: 4.5-7mm, II: 7-12mm III: 5-9mm
Number of contact

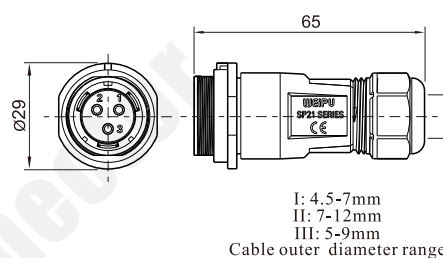


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Connector with horizontal mount screw
Mate with SP2110

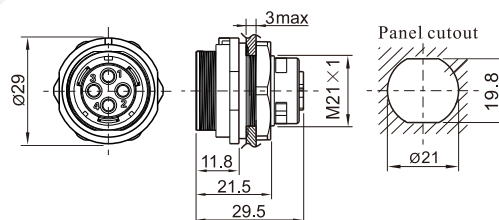
SP2111 / P__-9 SP2111 / S__-9



Rear-nut mount receptacle with
horizontal mount screw
Mate with SP2110

SP2112 / P__-9 SP2112 / S__-9

Number of contact



Screw contact spec

Number of contact	2	3	4	5
Male contact face view				
Rated current (A)	30	30	30	30
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
Wire size for screw termination (mm²/AWG)	0.75/18 ≤ Min Max ≤ 4/12	0.75/18 ≤ Min Max ≤ 4/12	0.75/18 ≤ Min Max ≤ 4/12	0.75/18 ≤ Min Max ≤ 4/12