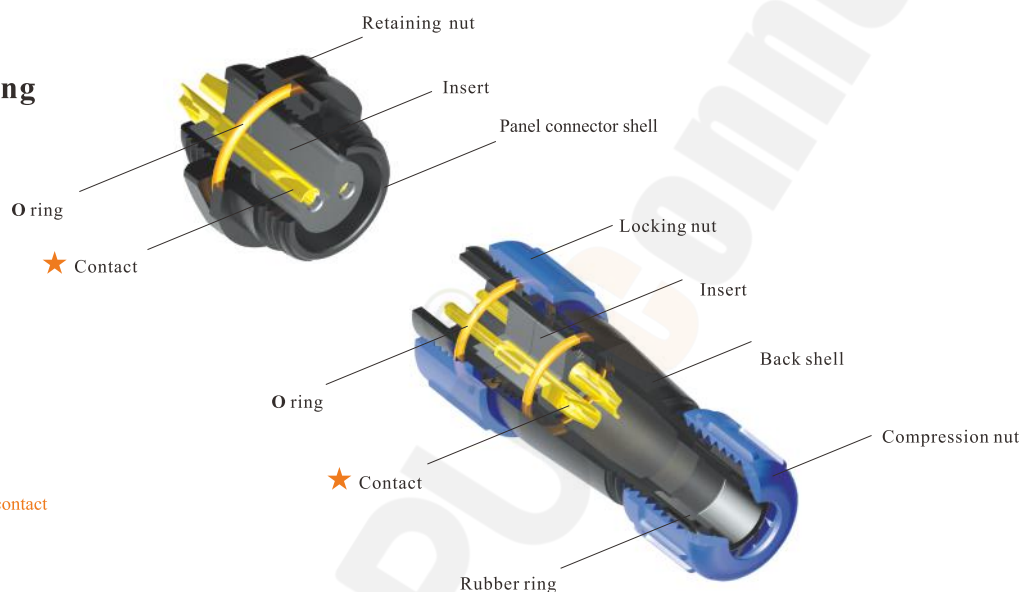


- SP Series IP68
- Threaded coupling



★ Each side can be male or female contact

Material and spec

Coupling	Threaded	
Shell material	PC, PA66, fire resistance: V-0	
Insert material	PPS, max temperature 260 °C PA66, max temperature -30°C ~ +125°C (Only for horizontal mount screw of SP17/SP21 Series)	
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, Ø2.5, Ø3, Ø3.5mm contact)	
Cable outer diameter range	SP11: I: 3-4mm, II: 4-6.5mm SP17: I: 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 (mated)	
Mating cycle	500	
Temperature range	-40°C ~ +85°C	
Insulation resistance	2000 MΩ	

SP11 Series

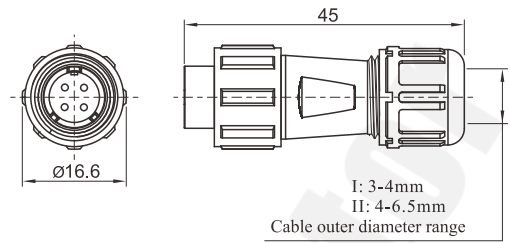


SP1110/P — SP1110/S

Male contact

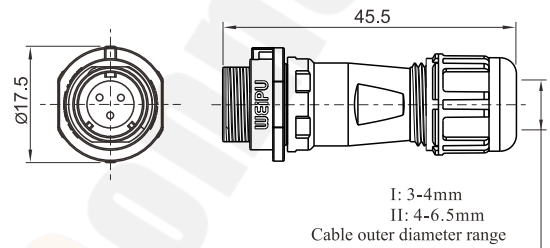
Cable connector
Mate with SP1111,
SP1111C, SP1112

Cable outer diameter range
I: 3-4mm II: 4-6.5mm
Number of contact
Female contact



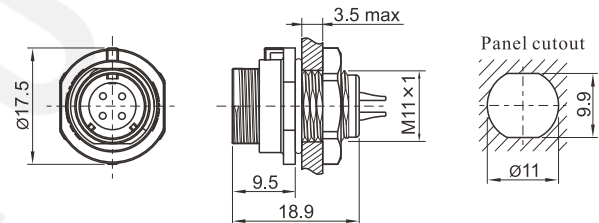
SP1111C/P — SP1111C/S

In-line cable connector C
Mate with SP1110



SP1112/P — SP1112/S

Rear-nut mount
Mate with SP1110



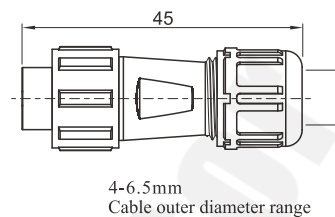
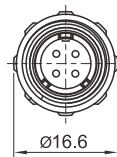
Solder contact spec

Number of contact	2	3	4	5
Male contact face view				
Rated current (A)	5	5	3	3
Contact diameter(mm)	Ø1X2	Ø1X3	Ø0.7X4	Ø0.7X5
Rated voltage (AC.V)	180	180	125	125
Test voltage(AC.V) 1 min	1000	1000	1000	1000
Contact resistance(mΩ)	5	5	10	10
Wire size(mm²/AWG)	≤0.75/18	≤0.75/18	≤0.5/20	≤0.5/20

SP11 Series



Cable connector
Mate with SP1111, SP1112



SP1110/P__

SP1110/S__

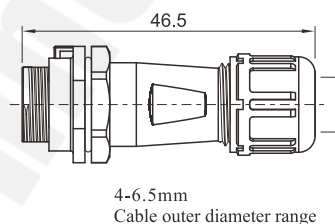
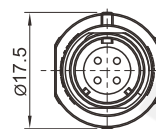
Male contact

(CU):
Colour: All black
Number of contact
Female contact

07



In-line cable connector
Mate with SP1110

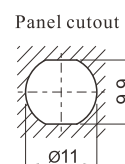
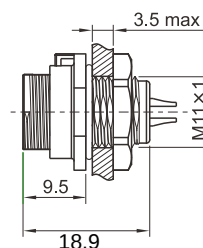
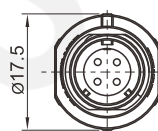


SP1111/P__

SP1111/S__



Rear-nut mount
Mate with SP1110



SP1112/P__

SP1112/S__

Solder contact spec

Number of contact	4	5
Male contact face view		
Rated current (A)	3	3
Contact diameter(mm)	Ø0.7X4	Ø0.7X5
Rated voltage (AC.V)	125	125
Test voltage(AC.V) 1 min	1000	1000
Contact resistance(mΩ)	10	10
Wire size (AWG)	20	20