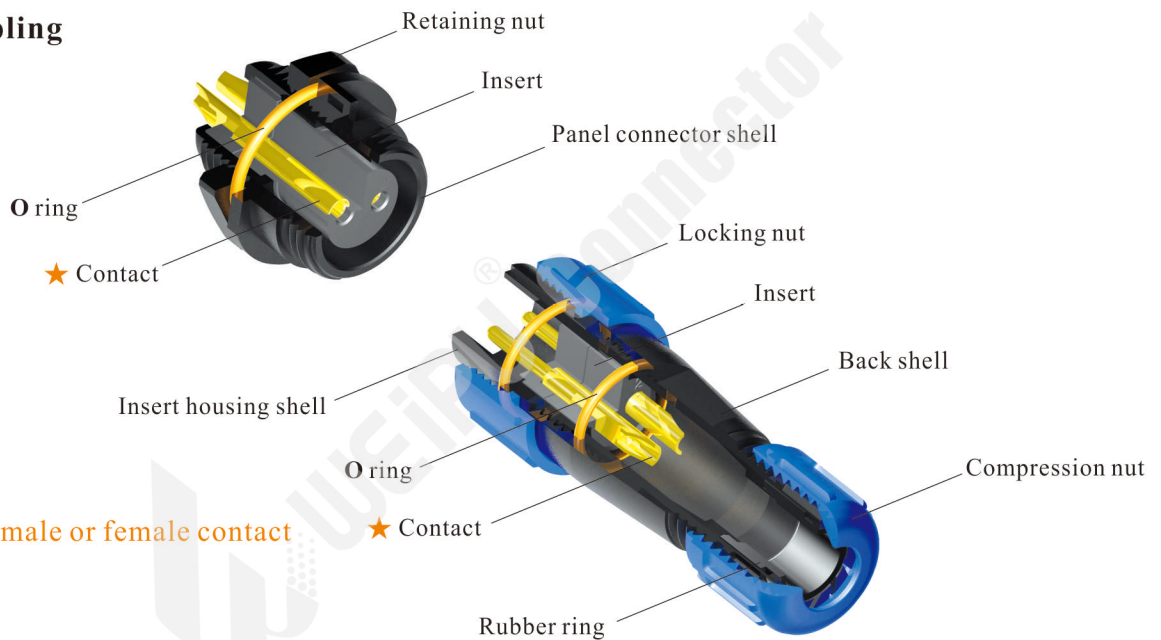




- SP Series IP68
- Threaded coupling



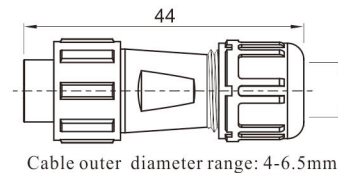
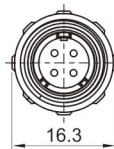
### Material and spec

Coupling	Threaded
Shell material	PC: Panel connector shell, Insert housing shell Nylon66: Locking nut, Back shell, Compressing nut, Retaining nut Fire resistance: V-0
Insert material	PPS, max temperature 260 °C
Contact material	Brass with gold plating
Termination	Solder: SP11, SP13, SP17, SP21, SP29 Crimp: SP17, SP21, SP29 Screw: SP21, SP29 (∅2.5, ∅3, ∅3.5mm contact)
IP rating	IP68
Mating cycle	500
Temperature range	-40°C~+85°C
Insulation resistance (MΩ)	2000

SP11 Series IP68



**Cable connector**  
Mate with SP1111, SP1112



SP1110/P\_N

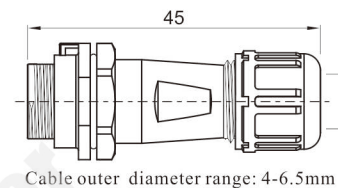
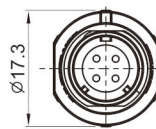
SP1110/S\_N

Male contact

Number of contact  
Female contact



**In-line cable connector**  
Mate with SP1110



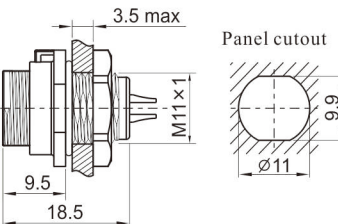
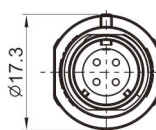
SP1111/P\_

SP1111/S\_

C: with cap  
N: without cap  
Number of contact



**Rear-nut mount**  
Mate with SP1110



SP1112/P\_

SP1112/S\_

C: with cap  
N: without cap  
Number of contact

**Solder contact spec**

Number of contact	2	3	4	5
Male contact face view				
Rated current (A)	5	5	3	3
Contact diameter(mm)	1	1	0.7	0.7
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 (mm <sup>2</sup> /AWG)	≤0.75/18	≤0.75/18	≤0.5/20	≤0.5/20

**In-line cable connector**  
Mate with SP1110



SP1111/S\_\_

**Rear-nut mount**  
Mate with SP1110



SP1112/S\_\_

Number of contact : 2, 3, 4, 5

**Cable connector**  
Mate with SP1111, SP1112



SP1110/P\_\_

Cable outer diameter: I: 4-6.5mm  
Number of contact

**In-line cable connector**  
Mate with SP1110



SP1111/P\_\_

**Rear-nut mount**  
Mate with SP1110



SP1112/P\_\_

Number of contact : 2, 3, 4, 5

**Cable connector**  
Mate with SP1111, SP1112



SP1110/S\_\_

Cable outer diameter: I: 4-6.5mm  
Number of contact



