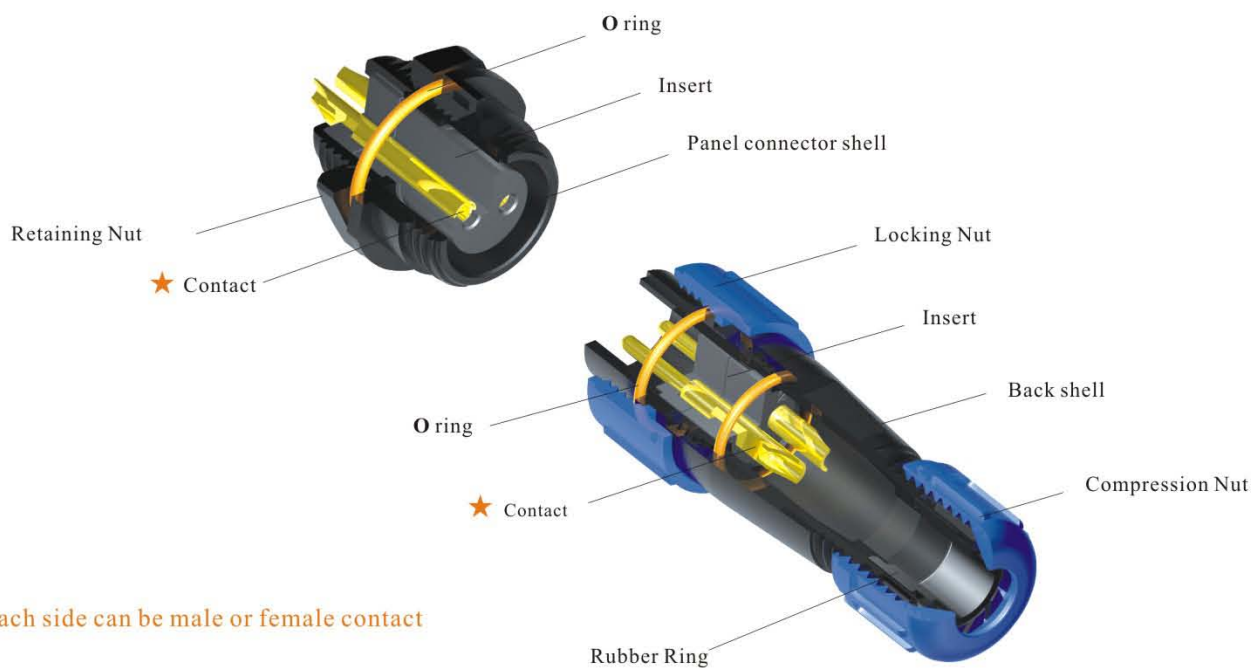


IP 68



● SP13 & SP21 IP68 Threaded coupling



★ Each side can be male or female contact

Material and spec

Coupling	Threaded coupling			
Shell material	Nylon66 , fire resistance : V-0			
Insert material	PPS max temperature 260 °C			
Contact material	Brass with gold plating			
Termination	SP13: solder		SP21: solder / screw	
Cable outer diameter range	SP13 I: 4-6.5mm	II: 5-8mm	SP21 I: 4.5-7mm	II: 7-12mm
IP rating	IP68			
Mating cycle	>500			
Temperature range	-25°C ~ +85°C			
Insulation resistance MΩ	2000			

Cable connector
Mate with SP1311, SP1312

SP1310 / P — — SP1310 / S — —

Cable outer diameter: I : 4-6.5mm , II : 5-8mm
Number of contact: 2. 3. 4. 5. 6. 7. 9

In-line cable connector
Mate with SP1310

SP1311 / P — — SP1311 / S — —

Rear mount
Mate with SP1310

SP1312 / P — — SP1312 / S — —

Number of contact: 2. 3. 4. 5. 6. 7. 9

Contact arrangement and spec

Number of contact	2	3	4	5	6	7	9
Male contact face view							
Rated current (A)	13A	13A	5A	5A	5A	5A	3A
Contact diameter	∅ 1.6X2	∅1.6X3	∅ 1X4	∅1X5	∅ 1X6	∅ 1X7	∅ 0.7X9
Rated voltage (AC.V)	250V	250V	200V	180V	125V	125V	125V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1000V	1000V	1000V	1000V
Contact resistance mΩ	2	2	5	5	5	5	10
Wire size mm ² /AWG	≤2/14	≤2/14	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18