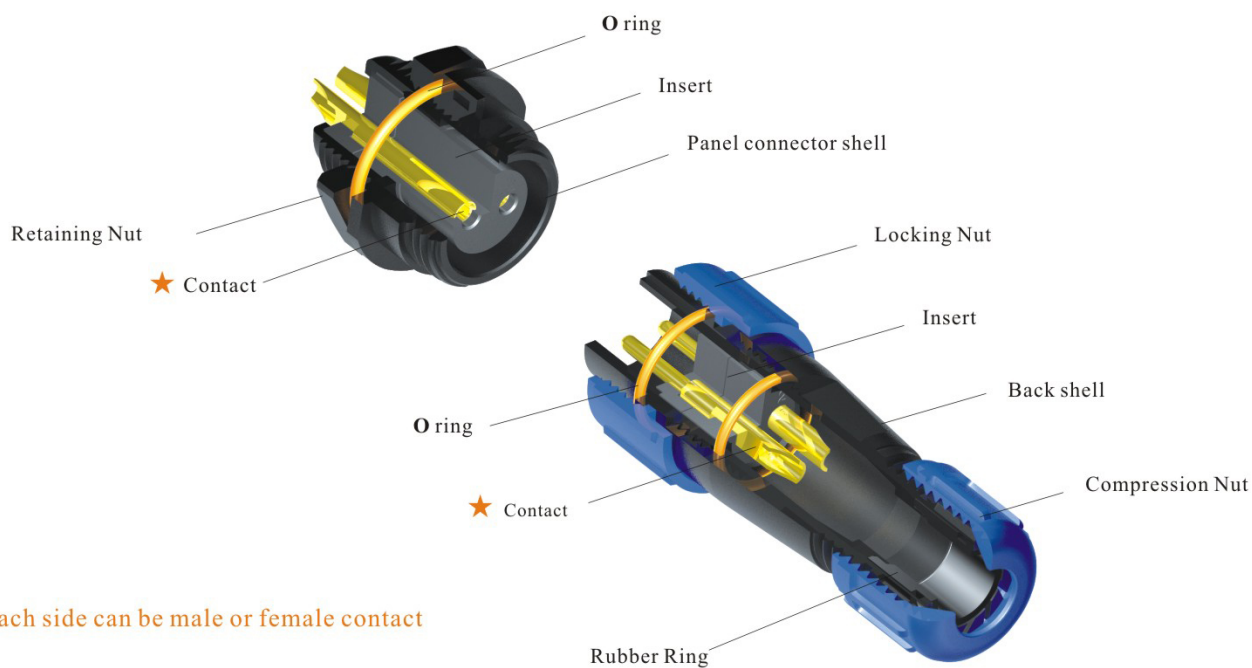




● SP13 & SP21 IP68 Threaded coupling



★ 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 ℃			
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℃ ~ +85℃			
Insulation resistance MΩ	2000			

SP13 Series IP68

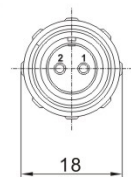
**SP
13**

Cable connector

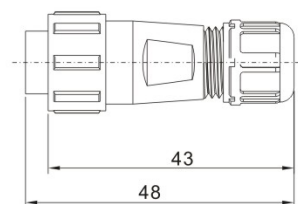
Mate with SP1311, SP1312



SP1310 / P — SP1310 / S



18



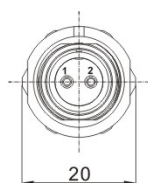
Cable outer diameter: I : 4-6.5mm , II : 5-8mm
Number of contact: 2. 3. 4. 5. 6. 7. 9

In-line cable connector

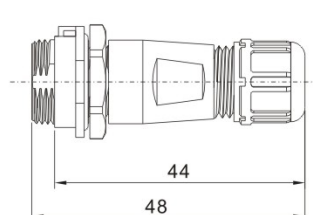
Mate with SP1310



SP1311 / P — SP1311 / S



20

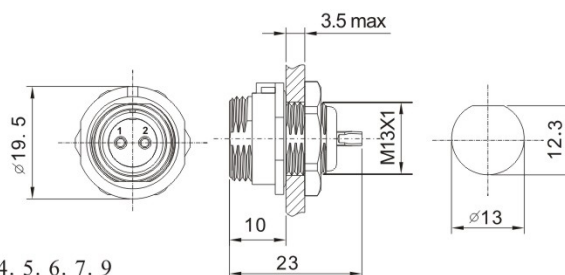


Rear mount

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	Ø 1.6X2	Ø1.6X3	Ø 1X4	Ø1X5	Ø 1X6	Ø 1X7	Ø 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

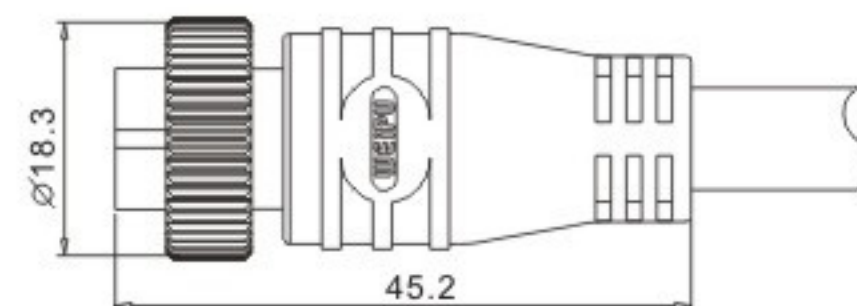
Overmolded Cable Assemblies: SP13 Series IP68



SP1314 / P—

SP1314 / S—

Single ended plug assembly
Mate with SP1311,SP1312,SP1315



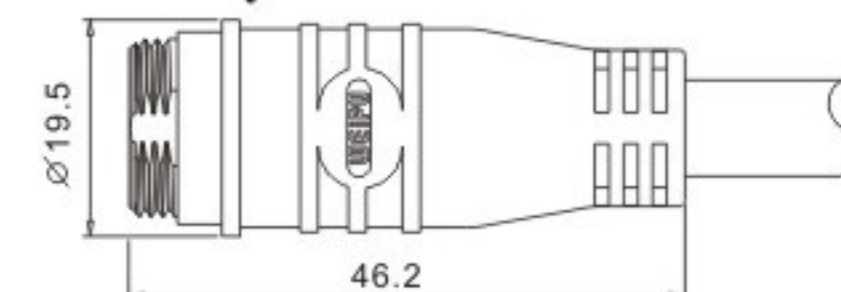
Number of contact: 2. 3. 4. 5. 6. 7. 9



SP1315 / P—

SP1315 / S—

Single ended in-line receptacle assembly
Mate with SP1310,SP1314



Double ended extension assembly
-plug & receptacle



SP1314 / — + SP1315 / —

Double ended plug assembly
-plug & plug



SP1314 / — + SP1314 / —

Double ended in-line receptacle assembly
-receptacle & receptacle



SP1315 / — + SP1315 / —

Number of contact: 2. 3. 4. 5. 6. 7. 9
P:Male contact S:Female contact

The plugs and receptacles are available with male contact or female contact

Contact arrangement and spec

Number of contact	2	3	4	5	6	7	9		
Male contact face view									
Rated current (A)	8A	8A	4A	4A	4A	4A	1.6A		
Contact diameter	Ø 1.6X2	Ø1.6X3	Ø 1X4	Ø1X5	Ø 1X6	Ø 1X7	Ø 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	≤ 1/17	≤ 1/17	≤ 0.5/20	≤ 0.5/20	≤ 0.5/20	≤ 0.5/20	≤ 0.2/24		
Cable Color	1- black	2- white	3- red	4- yellow	5- green	6- brown	7- blue	8- orange	9- purple