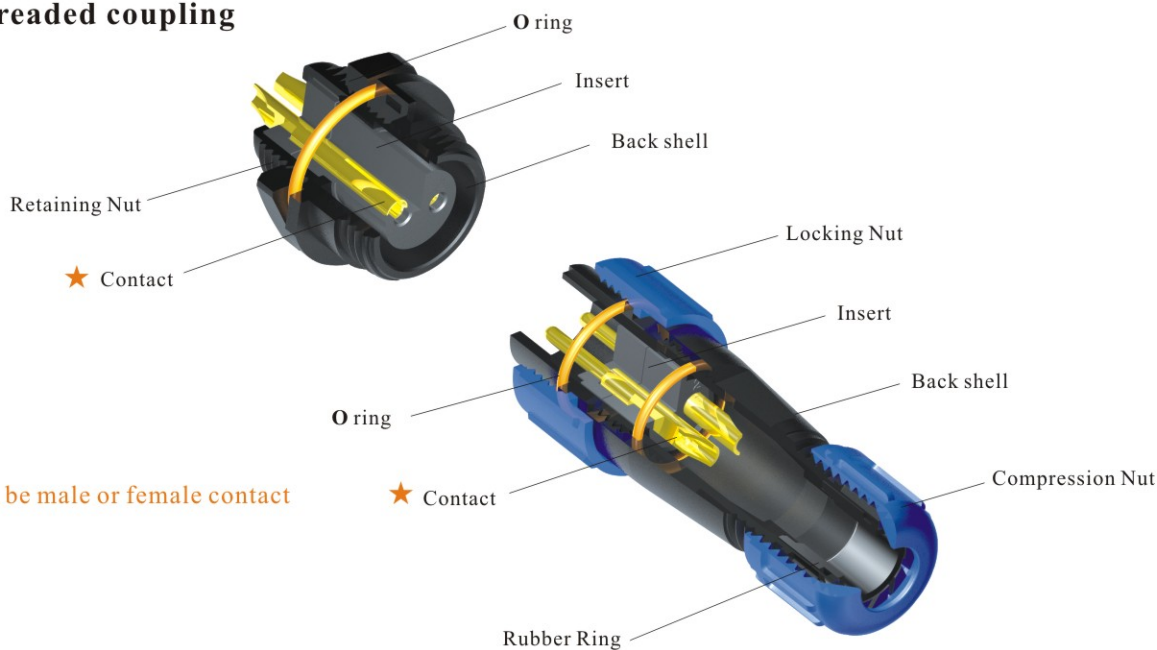




● IP68 Threaded coupling



★ Each side can be male or female contact

Material and spec

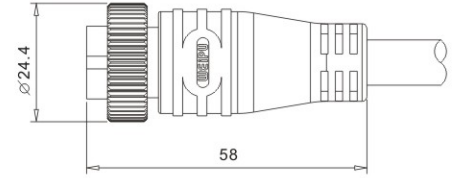
Product model	Connector	Overmolded Cable Assemblies
Coupling	Threaded coupling	Threaded coupling
Shell material	Nylon66, fire resistance : V-0	PC、PVC,fire resistance:V-0;Anodizing Aluminium Proess
Insert material	PPS max temperature 260 °C	PPS max temperature 260 °C
Contact material	Brass with gold plating	Brass with gold plating
Termination	SP13:solder, SP17:solder, SP21:solder / screw	
Cable outer diameter range	SP13 I: 4-6.5mm SP13 II: 5-8mm SP17 : 6-10mm SP21 I: 4.5-7mm SP21 II: 7-12mm	
IP rating	IP68	IP68
Mating cycle	>500	>500
Temperature range	-25°C ~ +85°C	-20°C ~ +85°C
Insulation resistance MΩ	2000	2000

Overmolded Cable Assemblies: SP17 Series IP68



Single ended plug assembly

Mate with SP1711,SP1712,SP1715



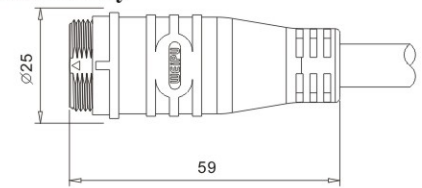
SP1714 / P_ SP1714 / S_

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



Single ended in-line receptacle assembly

Mate with SP1710,SP1714



SP1715 / P_ SP1715 / S_

**Double ended extension assembly
-plug & receptacle**



SP1714 / _ + SP1715 / _ _

**Double ended plug assembly
-plug & plug**



SP1714 / _ + SP1714 / _ _

**Double ended in-line receptacle assembly
-receptacle & receptacle**



SP1715 / _ + SP1715 / _ _

Number of contact: 2. 3. 4. 5. 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	7	9			
Male contact face view									
Rated current (A)	12A	12A	4A	4A	4A	4A			
Contact diameter	∅ 1.5X2	∅ 1.5X3	∅ 1X4	∅ 1X5	∅ 1X7	∅ 1X9			
Rated voltage (AC.V)	500V	500V	500V	500V	400V	400V			
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1500V	1200V	1200V			
Contact resistance mΩ	2.5	2.5	5	5	5	5			
Wire size mm ² /AWG	≤ 1.5/15	≤ 1.5/15	≤ 0.5/20	≤ 0.5/20	≤ 0.5/20	≤ 0.5/20			
Cable Color	1- black	2- white	3- red	4- yellow	5- green	6- brown	7- blue	8- orange	9- purple