

IP68



● SP Series IP68

● Threaded coupling



★ Each side can be male or female contact

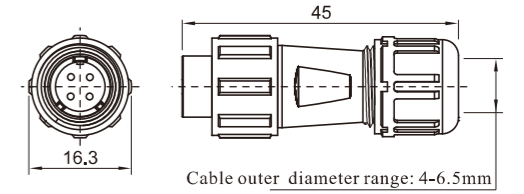
Material and spec

Coupling	Threaded
Shell material	PC, Nylon66, fire resistance: V-0
Insert material	PPS, max temperature 260 °C
Contact material	Brass with gold plating
Termination	Solder: SP13, SP17, SP21, SP29 Crimp: SP17, SP21, SP29 Screw: SP21, SP29 (ø2.5, ø3, ø3.5mm contact)
Cable outer diameter range	SP11: 4-6.5 SP13 I: 4-6.5mm, II: 5-8mm SP17: 6-10mm SP21: I: 4.5-7mm, II: 7-12mm SP29: 13-16mm
IP rating	IP68
Mating cycle	500
Temperature range	-40°C~+85°C
Insulation resistance	2000 MΩ

SP11 Series



Cable connector
Mate with SP1111, SP1112



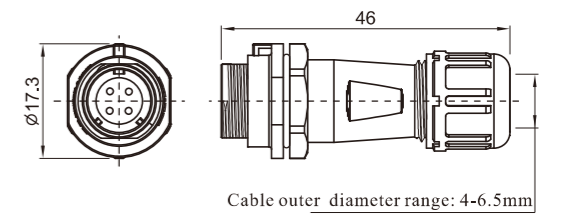
SP1110/P--N SP1110/S--N

Male contact

Number of contact
Female contact



In-line cable connector
Mate with SP1110

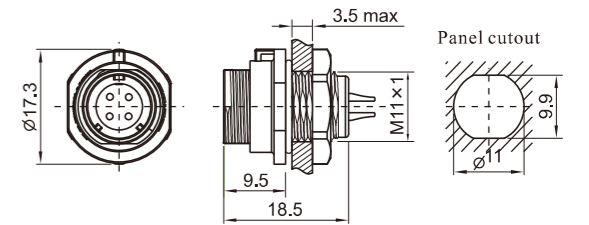


SP1111/P-- C SP1111/S-- N

C: with cap
N: without cap
Number of contact



Rear-nut mount
Mate with SP1110



SP1112/P-- C SP1112/S-- N

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)	ø1×2	ø1×3	ø0.7×4	ø0.7×5
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 ² /AWG)	≤0.75/18	≤0.75/18	≤0.5/20	≤0.5/20