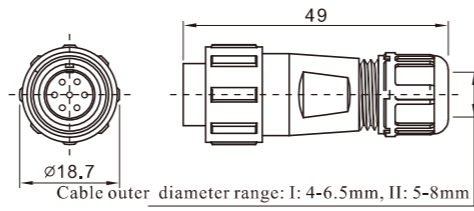


SP13 Series

SP  
13



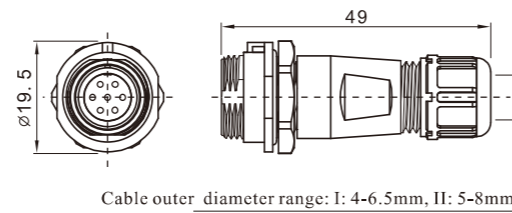
Cable connector  
Mate with SP1311, SP1312



SP1310 / P --- SP1310 / S  
Male contact --- Female contact  
(CU):  
C: with cap  
N: without cap  
Cable outer diameter  
I: 4-6.5mm, II: 5-8mm  
Number of contact



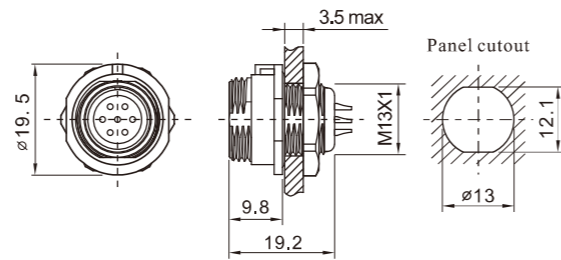
In-line cable connector  
Mate with SP1310



SP1311 / P --- SP1311 / S  
Number of contact  
C: with cap  
N: without cap  
Cable outer diameter  
I: 4-6.5mm, II: 5-8mm



Rear-nut mount  
Mate with SP1310



SP1312 / P --- SP1312 / S  
C: with cap  
N: without cap  
Number of contact

Solder contact spec

Number of contact	2	3	4	5	6	7	9
Male contact face view							
Rated current (A)	13	13	5	5	5	5	3
Contact diameter (mm)	Ø1.6X2	Ø1.6X3	Ø1X4	Ø1X5	Ø1X6	Ø1X7	Ø0.7X9
Rated voltage (AC.V)	250	250	200	180	125	125	125
Test voltage(AC.V) 1 min	1500	1500	1500	1000	1000	1000	1000
Contact resistance (mΩ)	2.5	2.5	5	5	5	5	10
Wire size (mm <sup>2</sup> /AWG)	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18	≤0.5/20



● 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