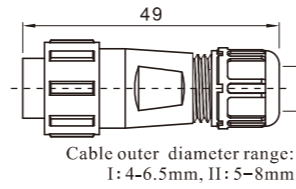
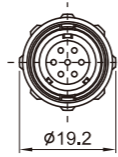


SY13 Series

**SY
13**



Cable connector
Mate with SY1311, SY1312



SY1310 / P --- N SY1310 / S --- N

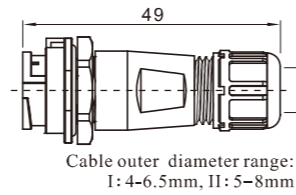
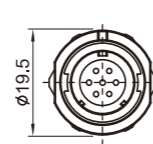
Male contact

Female contact

Cable outer diameter
I: 4-6.5mm, II: 5-8mm
Number of contact
Female contact



In-line cable connector
Mate with SY1310



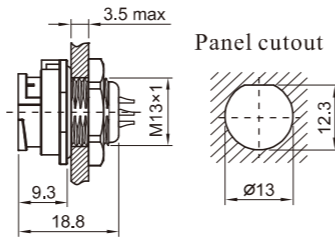
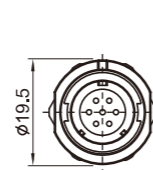
SY1311 / P --- SY1311 / S ---

Number of contact

C: with cap
N: without cap
Cable outer diameter
I: 4-6.5mm, II: 5-8mm



Rear-nut mount
Mate with Sy1310



SY1312 / P --- SY1312 / S ---

C: with cap
N: without cap
Number of contact

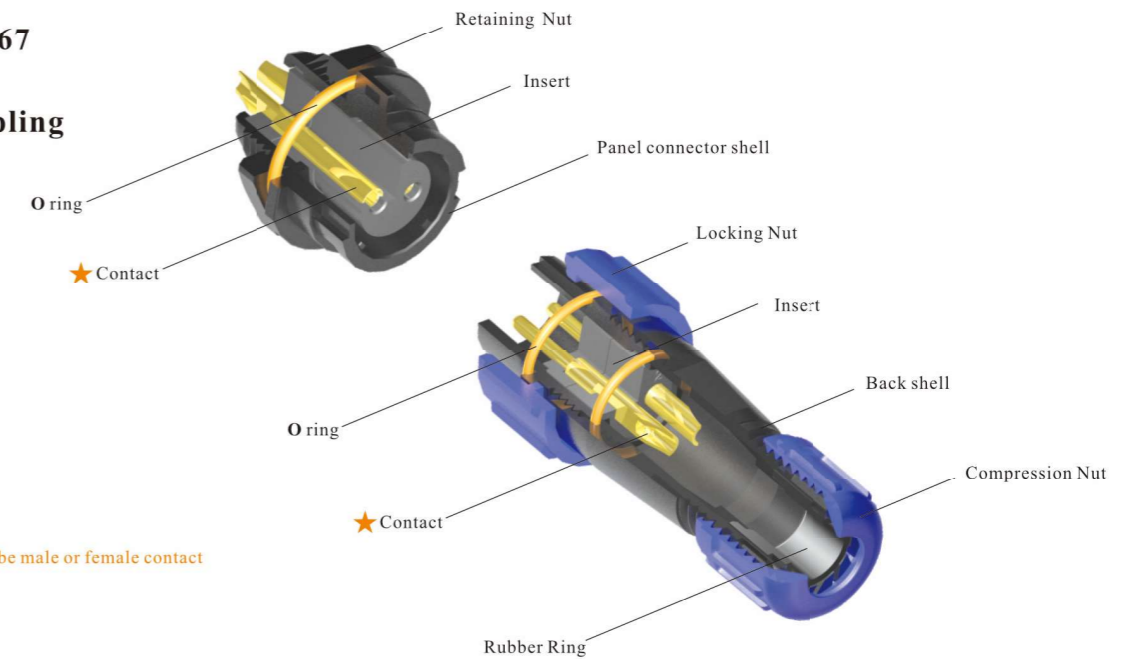
Solder contact spec

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 ² /AWG)	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18	≤0.5/20



● SY Series IP67

● Bayonet coupling



★ Each side can be male or female contact

Material and spec

Coupling	Bayonet
Shell material	PC, Nylon66, fire resistance: V-0
Insert material	PPS, max temperature 260 °C
Contact material	Brass with gold plating
Termination	Solder: SY11, SY13, SY17, SY21, SY29 Crimp: SY17, SY21, SY29 Screw: SY21, SY29(Ø2.5, Ø3, Ø3.5mm contact)
Cable outer diameter range	SY11: 4-6.5mm SY13 I: 4-6.5mm, II: 5-8mm SY17: 6-10mm SY21: I: 4.5-7mm, II: 7-12mm SY29: 13-16mm
IP rating	IP67
Mating cycle	500
Temperature range	-40°C~+85°C
Insulation resistance	2000 MΩ