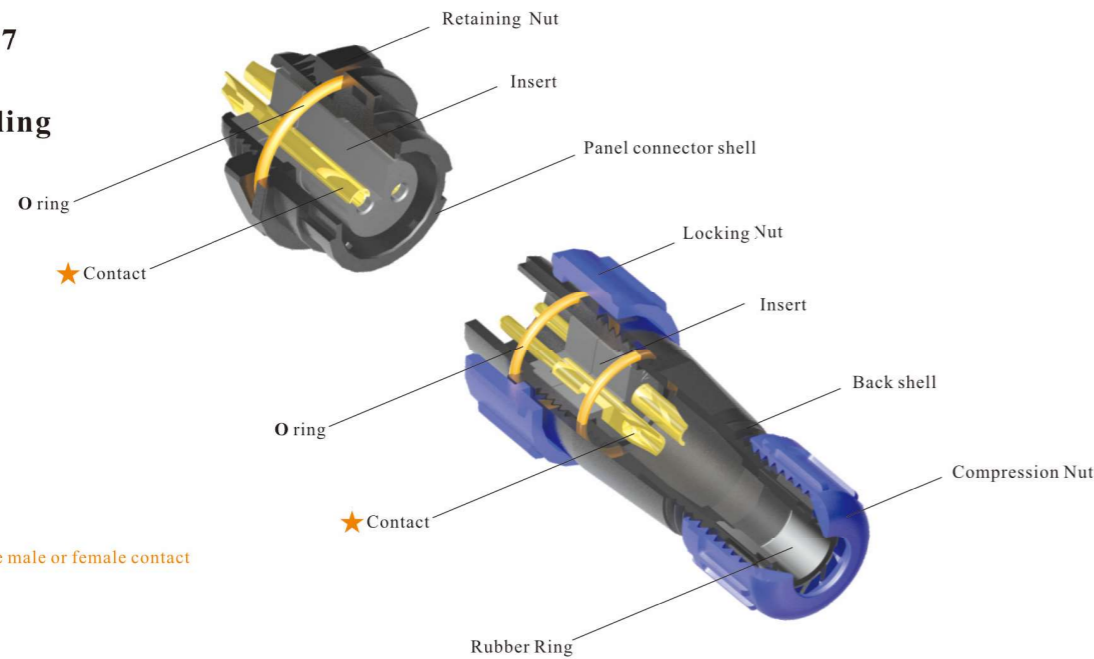


IP67



● 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

SY17 Series

Cable connector  
Mate with SY1711, SY1712

SY1710 / P \_ \_ N    SY1710 / S \_ \_ N

Male contact      Female contact

I: solder, 3: crimp  
Number of contact

In-line cable connector  
Mate with SY1710

SY1711 / P \_ \_ \_    SY1711 / S \_ \_ \_

C: with cap  
N: without cap  
I: solder, 3: crimp  
Number of contact

Rear-nut mount  
Mate with SY1710

SY1712 / P \_ \_ \_    SY1712 / S \_ \_ \_

C: with cap  
N: without cap  
I: solder, 3: crimp  
Number of contact

Solder contact spec

★ Crimp contact spec see P107-P110

Number of contact	2	3	4	2B	3B	4B	5	7	9	10
Male contact face view										
Rated current (A)	10	10	5	15	15	15	5	5	5	5
Contact diameter(mm)	ø1.5X2	ø1.5X3	ø1X4	ø2X2	ø2X3	ø2X4	ø1X5	ø1X7	ø1X9	ø1X10
Rated voltage (AC.V)	500	500	500	500	500	500	500	400	400	400
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500	1500	1500	1200	1200	1200
Contact resistance (mΩ)	2.5	2.5	5	2.5	2.5	2.5	5	5	5	5
Wire size (mm <sup>2</sup> /AWG)	≤2/14	≤2/14	≤0.75/18	≤2/14	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18