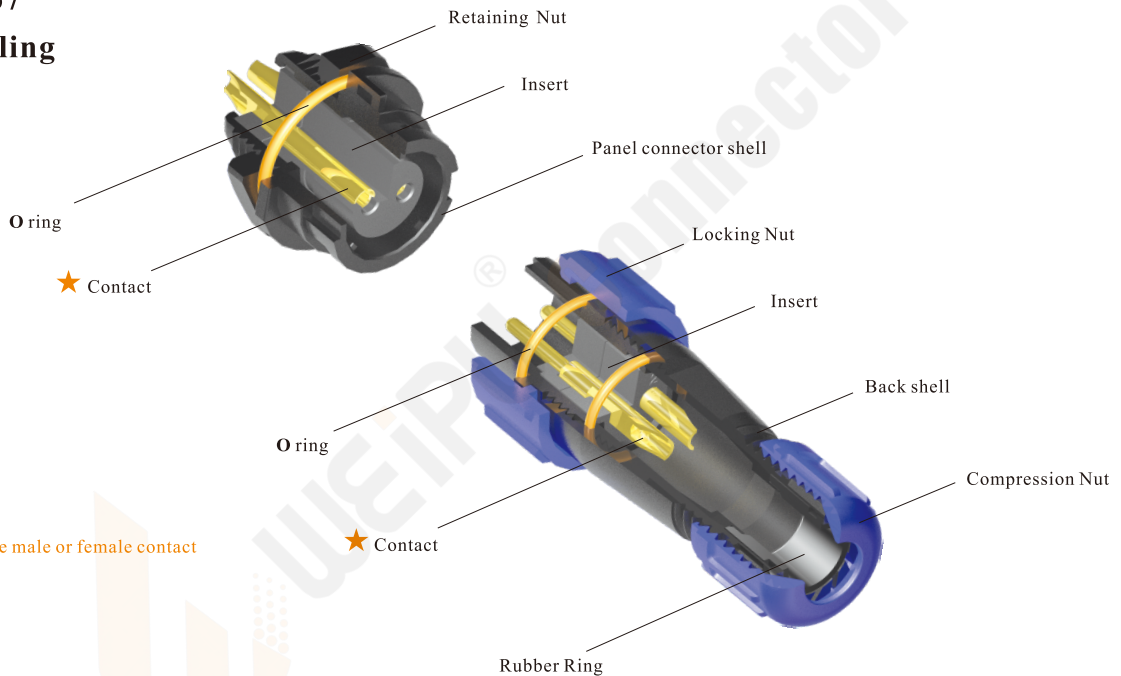


IP67



06

- SY Series IP67
- Bayonet coupling



**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, SY25, SY29 Crimp: SY17, SY21, SY25, SY29 Screw: SY21, SY25, SY29(Ø2.5, Ø3, Ø3.5mm contact)	
Cable outer diameter range	SY11: I:3-4mm, II:4-6.5mm SY17: 6-10mm SY25: I:10-14mm , II: 7-12mm	SY13: I: 4-6.5mm , II: 5-8mm SY21: I: 4.5-7mm, II:7-12mm III:5-9mm SY29:I:9-13mm, II:13-16mm
IP rating	IP67	
Mating cycle	500	
Temperature range	-40°C~+85°C; -20°C ~+70°C	
Insulation resistance	2000 MΩ	

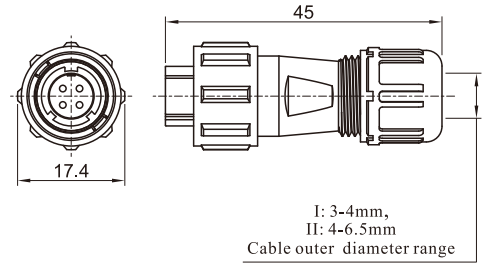
**SY11 Series**



Cable connector  
Mate with SY1111,  
SY1111C, SY1112

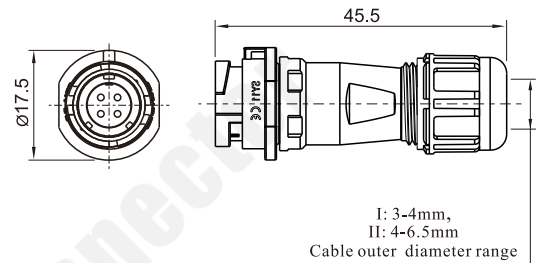
**SY1110 / P** — **SY1110 / S**  
Male contact

Cable outer diameter range  
I: 3-4mm, II: 4-6.5mm  
Number of contact  
Female contact



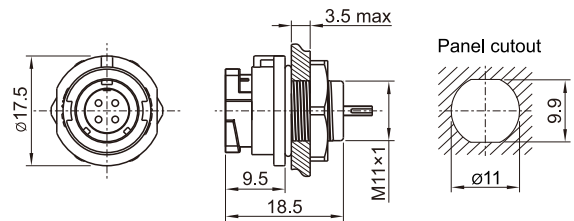
In-line cable connector C  
Mate with SY1110

**SY1111C / P** — **SY1111C / S**



Rear-nut mount  
Mate with SY1110

**SY1112 / P** — **SY1112 / S**  
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)	∅1×2	∅1×3	∅0.7×4	∅0.7×5
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(mm²/AWG)	≤0.75/18	≤0.75/18	≤0.5/20	≤0.5/20