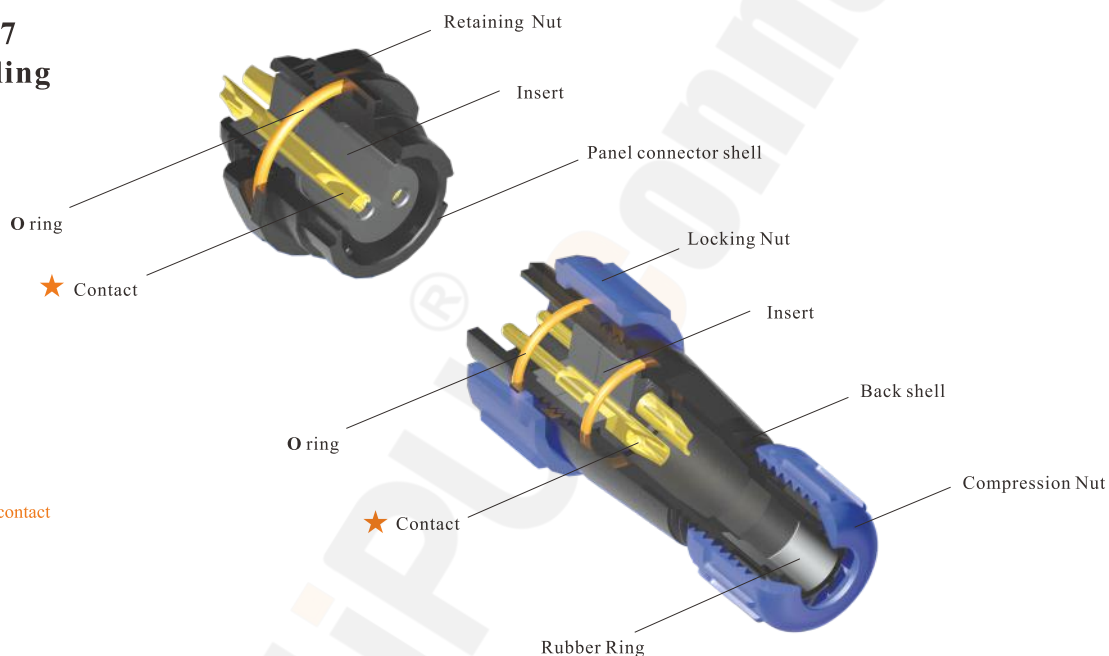


IP67



08

● 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 Data: PBT, PVC	
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 (mated)	
Mating cycle	500	
Temperature range	-40℃~+85℃ ; Date: -20℃ ~+70℃	
Insulation resistance	2000 MΩ	
Transmission Speed	Cat 5: 100Mbps, cat 6: 100-1000Mbps	

SY11 Series



Cable connector
Mate with SY1111,
SY1111C, SY1112

SY1110 / P _ _

SY1110 / S _ _

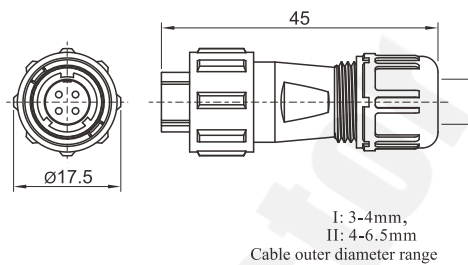
Male contact

Cable outer diameter range

I: 3-4mm, II: 4-6.5mm

Number of contact

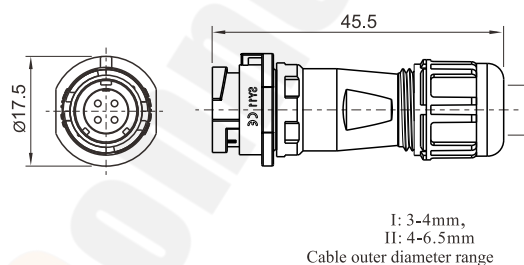
Female contact



SY1111C / P _ _

SY1111C / S _ _

In-line cable connector C
Mate with SY1110

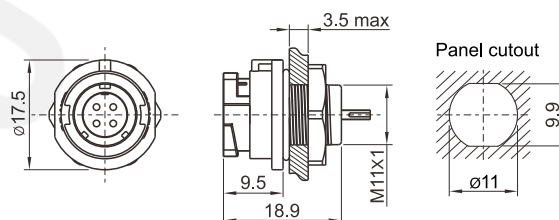


Rear-nut mount
Mate with SY1110

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)	Ø1X2	Ø1X3	Ø0.7X4	Ø0.7X5
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

SY11 Series

C_{UL} USC_{UL} US

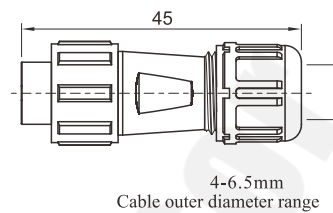
Cable connector
Mate with SY1111, SY1112

SY1110/P__

SY1110/S__

Male contact

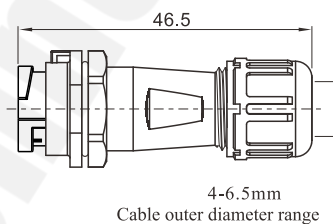
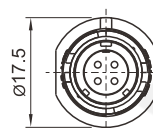
(CU): C_{UL} US
Colour: All black
Number of contact
Female contact

C_{UL} USC_{UL} US

In-line cable connector
Mate with SY1110

SY1111/P__

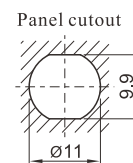
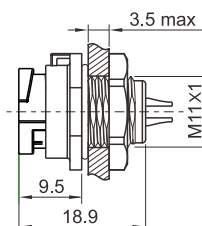
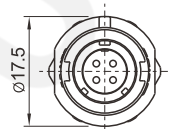
SY1111/S__

C_{UL} USC_{UL} US

Rear-nut mount
Mate with SY1110

SY1112/P__

SY1112/S__



Solder contact spec

Number of contact	4	5
Male contact face view		
Rated current (A)	3	3
Contact diameter(mm)	Ø0.7X4	Ø0.7X5
Rated voltage (AC.V)	125	125
Test voltage(AC.V) 1 min	1000	1000
Contact resistance(mΩ)	10	10
Wire size (AWG)	20	20