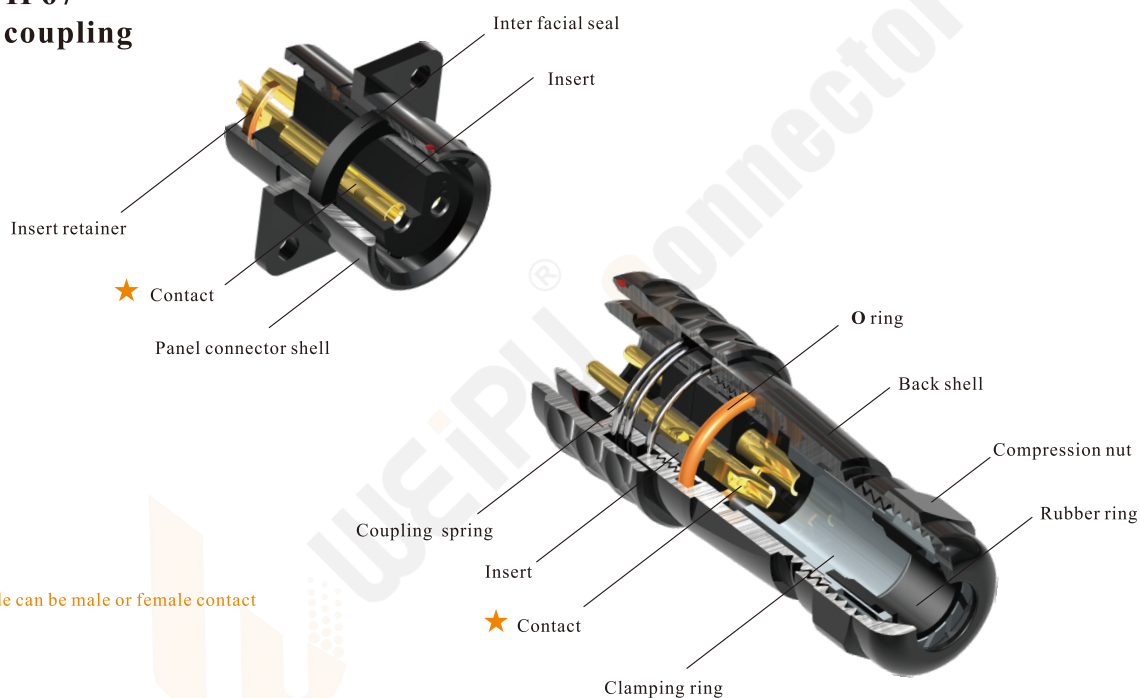


IP67

03

- SA Series IP67
- Push-pull coupling



★ Each side can be male or female contact

Material and spec

Coupling	Push-pull		
Shell material	Anodized aluminium		
Insert material	PPS, max temperature 260 °C		
Contact material	Brass with gold plating		
Termination	Solder: SA6, SA8, SA10, SA12, SA16, SA20, SA24, SA28 Crimp: SA16, SA20, SA24, SA28 Screw: SA20, SA24, SA28		
Cable outer diameter range	SA6: I:2-3mm, II:3-4mm SA8: I:3-4mm, II:4-5mm SA10: I:3-4mm, II:4-6.5mm	SA12: I: 4-6.5mm , II: 5-8mm SA16: I: 5-8mm , II: 8-12mm SA20: I: 5-9mm, II: 8-12mm	SA24:10-14mm SA28:I:9-13mm, II:13-16mm
IP rating	IP67		
Mating cycle	500, USB:1000		
Temperature range	-40℃ ~ +85℃; SA24 Data: -20℃ ~ +70℃		
Insulation resistance	2000 MΩ		

SA28 Series

SA
28

03



Cable connector
Mate with SA2811, SA2812,
SA2813, SA2815

SA2810/P

SA2810/S

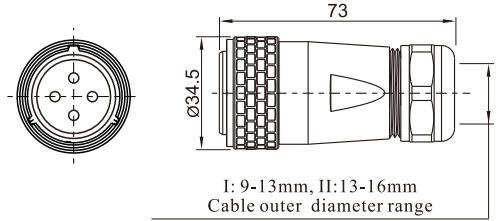
Male contact

Female contact

Number of contact

1: solder, 2: screw, 3: crimp

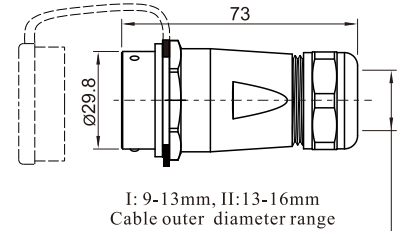
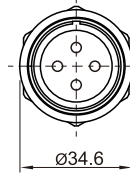
Colour:
B: Black
S: Silver
L: Blue (special order)
G: Green (special order)
R: Red (special order)
Cable outer diameter range
I: 9-13mm, II: 13-16mm



In-line cable connector
Mate with SA2810

SA2811/P

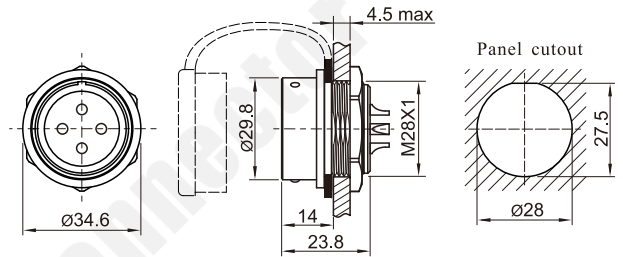
SA2811/S



Rear-nut mount
Mate with SA2810

SA2812/P

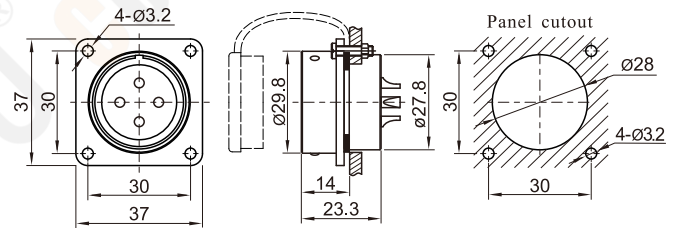
SA2812/S



Square flange
Mate with SA2810

SA2813/P

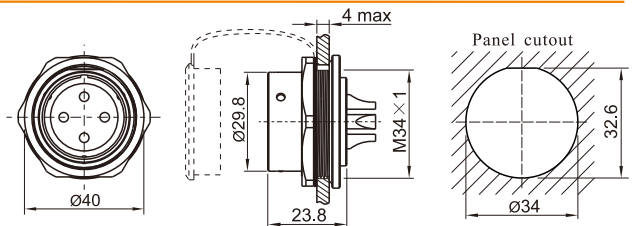
SA2813/S



Front-nut mount
Mate with SA2810

SA2815/P

SA2815/S



Solder contact spec

★ Crimp contact spec see P20

★ Screw contact spec see P21

Number of contact	2	3	4	7	8	8B	9	10	10B	12	16	17	20	24	26	35
Male contact face view																
Rated current (A)	50	50	25	25	25	60.5	25.5	25	10	10	10	10	5	5	5	5
Contact diameter(mm)	Ø3.5X2	Ø3.5X3	Ø2.5X4	Ø2.5X7	Ø2.5X8	Ø5X2 Ø1X6	Ø2.5X4 Ø1X5	Ø2.5X10	Ø1.5X10	Ø1.5X12	Ø1.5X16	Ø1.5X17	Ø1X20	Ø1X24	Ø1X26	Ø1X35
Rated voltage (AC.V)	500	500	500	500	500	500 400	500	500	500	500	500	500	400	400	400	400
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1200	1200	1200	1200
Contact resistance(mΩ)	0.5	0.5	1	1	1	0.5、5	1、5	1	2.5	2.5	2.5	2.5	5	5	5	5
Termination	solder / screw	solder / screw	solder / screw	solder / screw	solder / screw	solder	solder	solder / screw	solder	solder	solder	solder	solder	solder	solder	solder
Wire size (mm ² / AWG)	≤10/7	≤10/7	≤4/11	≤4/11	≤4/11	≤16/5 ≤0.75/18	≤4/11 ≤0.75/18	≤4/11	≤2/14	≤2/14	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18
Wire size for screw termination	≤6/10	≤6/10	≤1.5/15	≤1.5/15	≤1.5/15	/	/	≤1.5/15	/	/	/	/	/	/	/	/