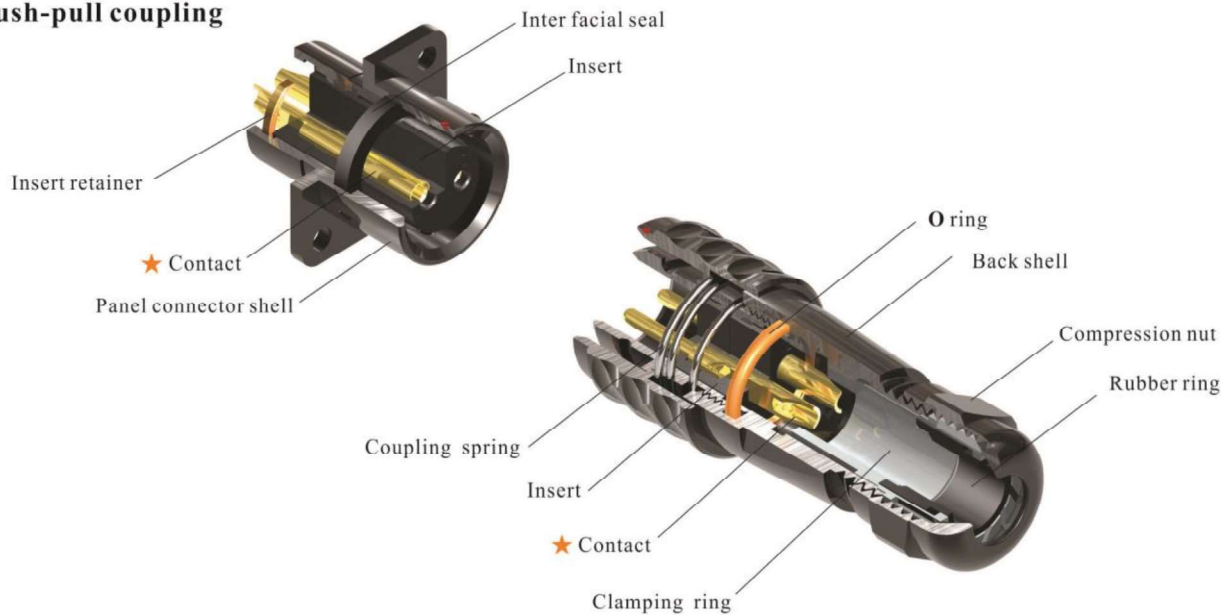


WEIPU®
IP67

SA
Series



- SA Series IP67
- Push-pull coupling



★ Each side can be male or female contact

Material and spec

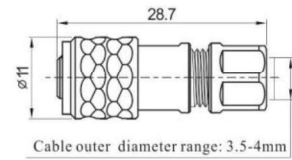
Coupling	Push-pull
Shell material	Anodized aluminium
Insert material	PPS, max temperature 260 °C
Contact material	Brass with gold plating
Termination	Solder: SA6, SA8, SA10, SA12, SA16, SA20, SA28 Crimp: SA16, SA20, SA28 Screw: SA20, SA28 (Ø2.5, Ø3.5mm contact)
IP rating	IP67
Mating cycle	500
Temperature range	-40 °C ~ +85 °C
Insulation resistance (MΩ)	2000

SA6 Series IP67

**SA
6**



Cable connector
Mate with SA611, SA612

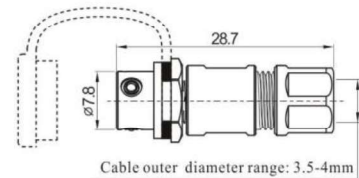


SA610 / P — **SA610 / S**
Male contact — Female contact

Colour:
B: black
S: silver
L: blue
G: green
R: red
} special order
Number of contact



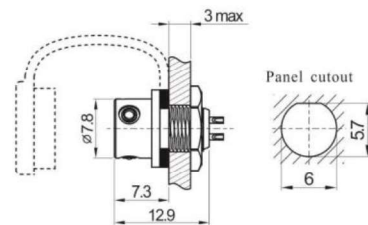
In-line cable connector
Mate with SA610



SA611 / P — **SA611 / S**



Rear-nut mount
Mate with SA610



SA612 / P — **SA612 / S**

Solder contact spec

Number of contact	2	3	4	5
Male contact face view				
Rated current (A)	3	3	3	3
Contact diameter(mm)	0.6	0.6	0.6	0.6
Rated voltage (AC.V)	30	30	30	30
Test voltage(AC.V) 1 min	500	500	500	500
Contact resistance(mΩ)	10	10	10	10
Wire size(mm ² /AWG)	≤0.5/20	≤0.5/20	≤0.5/20	≤0.5/20

SA8 Series IP67

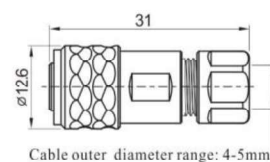
**SA
8**



Cable connector
Mate with SA811, SA812

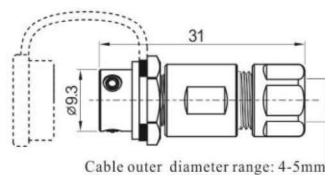
SA810 / P — Male contact
SA810 / S — Female contact

Colour:
B: black
S: silver
L: blue
G: green
R: red
} special order
Number of contact



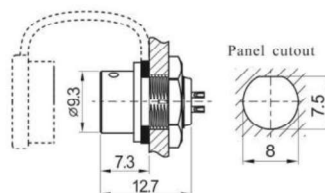
In-line cable connector
Mate with SA810

SA811 / P — SA811 / S —



Rear-nut mount
Mate with SA810

SA812 / P — SA812 / S —



Solder contact spec

Number of contact	2	3	4	6	8
Male contact face view					
Rated current (A)	5	5	3	3	3
Contact diameter(mm)	1	1	0.6	0.6	0.6
Rated voltage (AC.V)	125	125	30	30	30
Test voltage(AC.V) 1 min	1000	1000	500	500	500
Contact resistance(mΩ)	5	5	10	10	10
Wire size(mm ² /AWG)	≤0.75/18	≤0.75/18	≤0.5/20	≤0.5/20	≤0.5/20

SA10 Series IP67

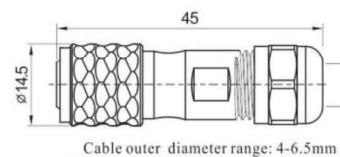
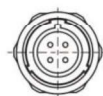


Cable connector
Mate with SA1011, SA1012

SA1010 / P —
Male contact

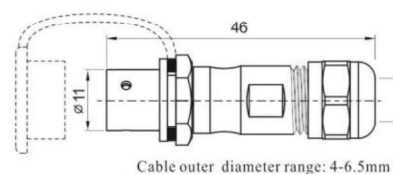
SA1010 / S —
Female contact

Colour:
B: black
S: silver
L: blue
G: green
R: red
} special order
Number of contact



In-line cable connector
Mate with SA1010

SA1011 / P — **SA1011 / S** —

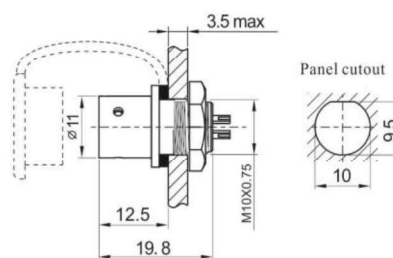


Rear-nut mount
Mate with SA1010

SA1012 / P — **SA1012 / S** —

Number of contact

Colour:
B: Black
S: Silver
L: Blue
G: Green
R: Red
} special order



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	1	0.7	0.7
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 (mm ² / AWG)	≤0.75/18	≤0.75/18	≤0.5/20	≤0.5/20

SA12 Series IP67

**SA
12**

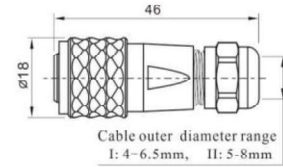
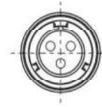


Cable connector
Mate with SA1211, SA1212,
SA1213

SA1210/P — SA1210/S

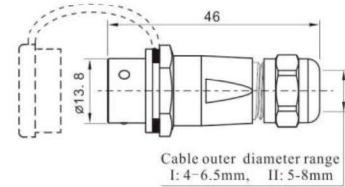
Number of contact
Cable outer diameter
I: 4-6.5mm, II: 5-8mm

Colour:
B: Black
S: Silver
L: Blue
G: Green
R: Red } special order



In-line cable connector
Mate with SA1210

SA1211/P — SA1211/S

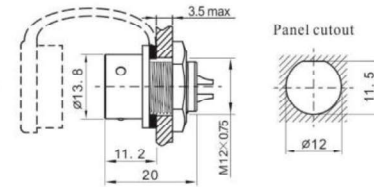


Rear-nut mount
Mate with SA1210

SA1212/P — SA1212/S

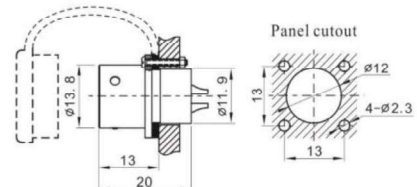
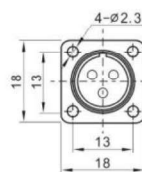
Number of contact

Colour:
B: Black
S: Silver
L: Blue
G: Green
R: Red } special order



Square flange
Mate with SA1210

SA1213/P — SA1213/S



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)	1.6	1.6	1	1	1	1	0.7
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

SA16 Series IP67

**SA
16**

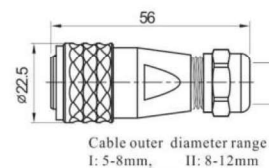


Cable connector
Mate with SA1611, SA1612, SA1613

SA1610/P — SA1610/S

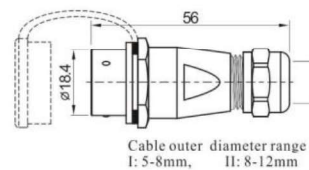
Number of contact
Cable outer diameter
I: 5-8mm, II: 8-12mm

I: solder, 3: crimp
Colour:
B: Black
S: Silver
L: Blue
G: Green
R: Red } special order



In-line cable connector
Mate with SA1610

SA1611/P — SA1611/S

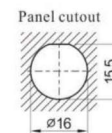
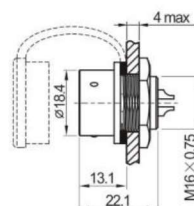
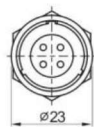


Rear-nut mount
Mate with SA1610

SA1612/P — SA1612/S

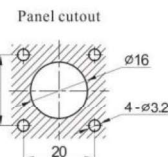
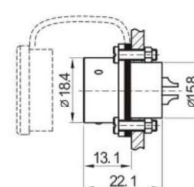
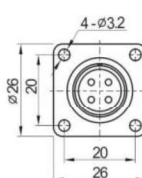
Number of contact

I: solder, 3: crimp
Colour:
B: Black
S: Silver
L: Blue
G: Green
R: Red } special order



Square flange
Mate with SA1610

SA1613/P — SA1613/S



Solder contact spec

★ Crimp contact spec see page 89-92

Number of contact	2	3	4	5	7	9	10
Male contact face view							
Rated current (A)	10	10	5	5	5	5	5
Contact diameter (mm)	1.5	1.5	1	1	1	1	1
Rated voltage (AC.V)	500	500	500	500	400	400	400
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1200	1200	1200
Contact resistance (mΩ)	2.5	2.5	5	5	5	5	5
Wire size (mm ² / AWG)	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18

SA20 Series IP67

**SA
20**



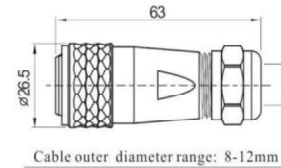
SA2010/P — SA2010/S

Number of contact

Cable connector

Mate with SA2011, SA2012, SA2013

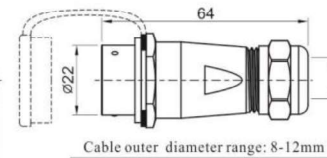
1: solder, 2: screw, 3: crimp
Colour:
 B: Black
 S: Silver
 L: Blue
 G: Green
 R: Red } special order



SA2011/P — SA2011/S

In-line cable connector

Mate with SF2010



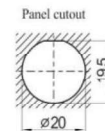
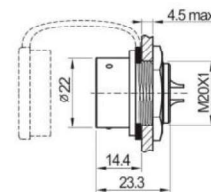
SA2012/P — SA2012/S

Number of contact

Rear-nut mount

Mate with SA2010

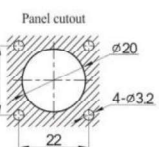
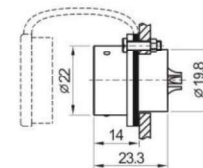
1: solder, 2: screw, 3: crimp
Colour:
 B: Black
 S: Silver
 L: Blue
 G: Green
 R: Red } special order



SA2013/P — SA2013/S

Square flange

Mate with SA2010



Solder contact spec

★ Crimp contact spec see page 89-92

Number of contact	2	3	4	5	6	7	9	12
Male contact face view								
Rated current (A)	25	25	25	10	25 5	10	5	5
Contact diameter (mm)	2.5	2.5	2.5	1.5	ø2.5X4 ø1X2	1.5	1	1
Rated voltage (AC.V)	500	500	500	500	500	500	500	400
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500	1500	1500	1200
Contact resistance (mΩ)	1	1	1	2.5	1 5	2.5	5	5
Termination	Solder Screw	Solder Screw	Solder Screw	Solder	Solder	Solder	Solder	Solder
Wire size for solder (mm ² / AWG)	≤4/11	≤4/11	≤4/11	≤2/14	≤4/11 ≤0.75/18	≤2/14	≤0.75/18	≤0.75/18
Wire size for screw termination (mm ² / AWG)	≤1.5/15	≤1.5/15	≤1.5/15	/	/	/	/	/

SA28 Series IP67

**SA
28**



Cable connector

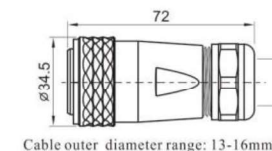
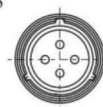
Mate with SA2811, SA2812, SA2813

SA2810/P --- SA2810/S ---
Number of contact

1: solder, 2: screw, 3: crimp

Colour:

B: Black
S: Silver
L: Blue
G: Green
R: Red } special order



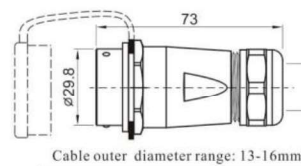
Cable outer diameter range: 13-16mm



In-line cable connector

Mate with SA2810

SA2811/P --- SA2811/S ---



Cable outer diameter range: 13-16mm



Rear-nut mount

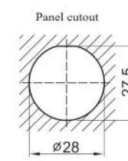
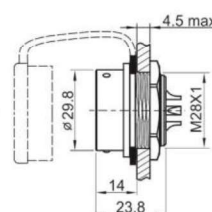
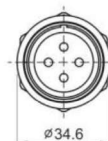
Mate with SA2810

SA2812/P --- SA2812/S ---
Number of contact

1: solder, 2: screw, 3: crimp

Colour:

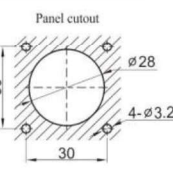
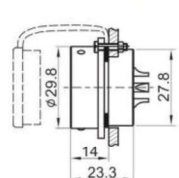
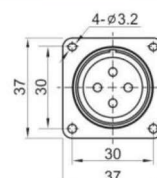
B: Black
S: Silver
L: Blue
G: Green
R: Red } special order



Square flange

Mate with SA2810

SA2813/P --- SA2813/S ---



Solder contact spec

★ Crimp contact spec see page 89-92

Number of contact	2	3	4	7	8	9	10	10B	12	16	17	20	24	26
Male contact face view														
Rated current (A)	50	50	25	25	25	25 5	25	10	10	10	10	5	5	5
Contact diameter(mm)	3.5	3.5	2.5	2.5	2.5	2.5 2.5X4 1X5	2.5	1.5	1.5	1.5	1.5	1	1	1
Rated voltage (AC.V)	500	500	500	500	500	500	500	500	500	500	500	400	400	400
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1200	1200	1200
Contact resistance (mΩ)	0.5	0.5	1	1	1	1 5	1	2.5	2.5	2.5	2.5	5	5	5
Termination	Solder Screw	Solder Screw	Solder Screw	Solder Screw	Solder Screw	Solder	Solder Screw	Solder	Solder	Solder	Solder	Solder	Solder	Solder
Wire size for solder (mm ² / AWG)	≤10/7	≤10/7	≤4/11	≤4/11	≤4/11	≤4/11 ≤0.75/18	≤4/11	≤2/14	≤2/14	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18
Wire size for screw termination (mm ² / AWG)	≤6/10	≤6/10	≤1.5/15	≤1.5/15	≤1.5/15	/	≤1.5/15	/	/	/	/	/	/	/



IP67

SA Series

