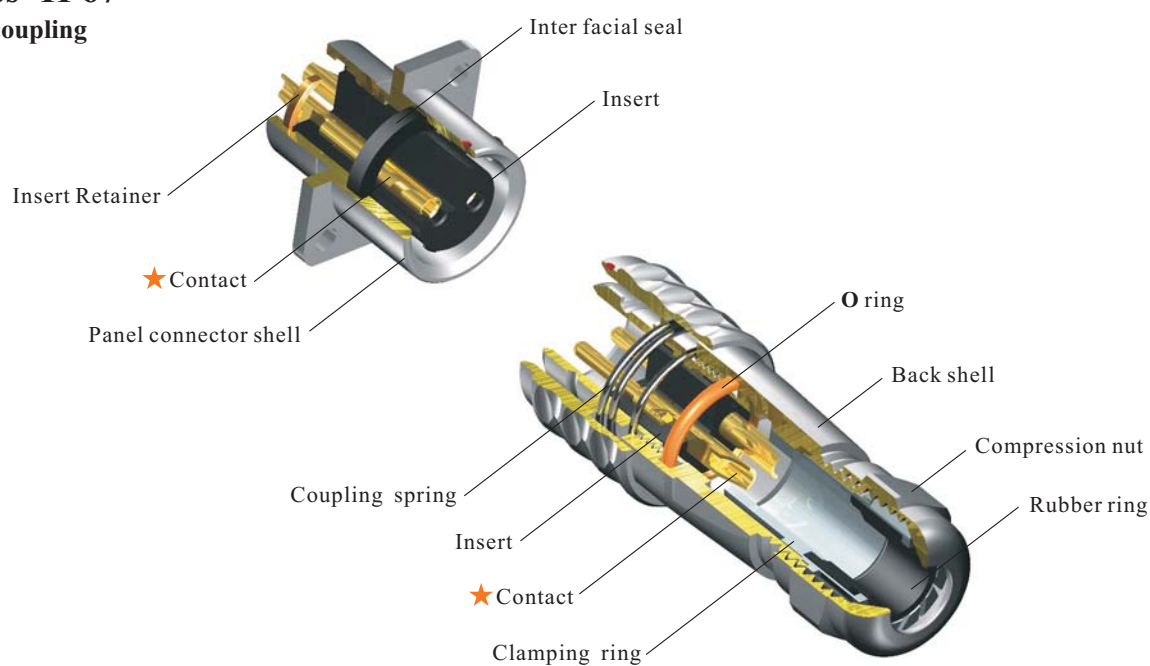


IP67

04

● SF Series IP67

● Push-pull coupling



★ Each side can be male or female contact

Material and spec

Coupling	Push-pull
Shell material	Brass with chrome plating
Insert material	PPS max temperature 260 °C
Contact material	Brass with gold plating
Termination	Solder: SF6, SF8, SF10, SF12, SF16, SF20, SF24 Crimp: SF16, SF20, SF24 Screw: SF20, SF24 (Ø2.5mm contact)
Cable outer diameter range	SF6: I: 2-3mm, II: 3-4mm SF8: I: 3-4mm, II: 4-5mm SF10: I: 3-4mm, II: 4-6.5mm SF12: I: 4-6.5mm, II: 5-8mm SF16: I: 5-8mm, II: 8-12mm SF20: I: 5-9mm, II: 8-12mm SF24: 10-14mm
IP rating	IP67 (mated)
Mating cycle	500
Temperature range	-40°C ~ +85°C
Insulation resistance	2000MΩ

SF6 Series

SF
6



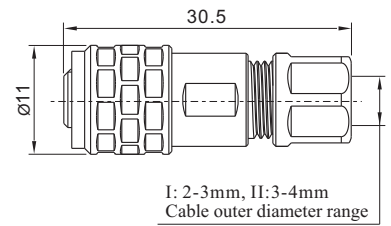
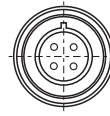
Cable connector
Mate with SF611B, SF612B,
SF615B

SF610B/P

SF610B/S

Male contact

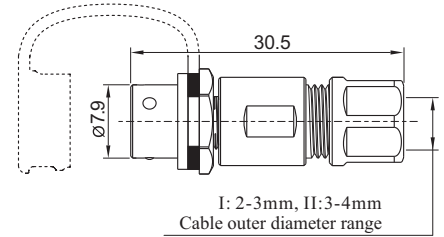
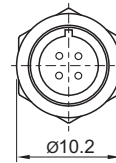
Cable outer diameter range
I: 2-3mm, II: 3-4mm
Number of contact
Female contact



SF611B/P

SF611B/S

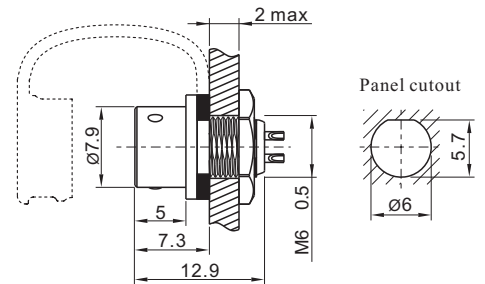
In-line cable connector
Mate with SF610B



SF612B/P

SF612B/S

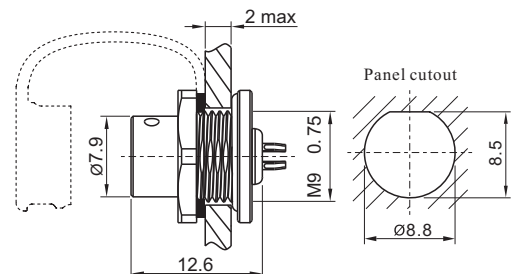
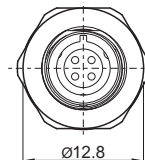
Rear-nut mount
Mate with SF610B



SF615B/P

SF615B/S

Front-nut mount
Mate with SF610B



Solder contact spec

Number of contact	2	3	4	5
Male contact face view				
Rated current (A)	3	3	3	3
Contact diameter(mm)	Ø0.6 2	Ø0.6 3	Ø0.6 4	Ø0.6 5
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

SF8 Series

SF
8



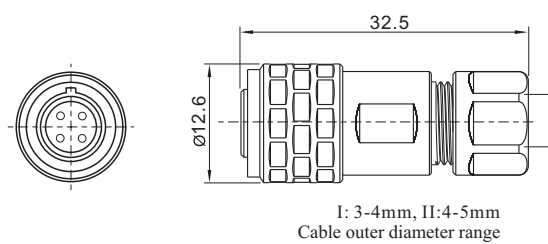
SF810B/P

SF810B/S

Male contact

Cable connector
Mate with SF811B, SF812B,
SF815B

Cable outer diameter range
I: 3-4mm, II: 4-5mm
Number of contact
Female contact

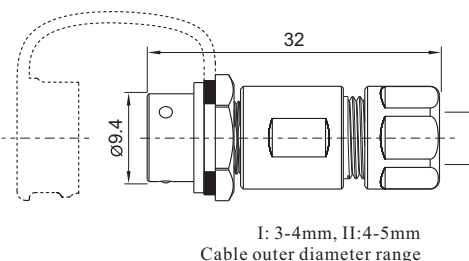
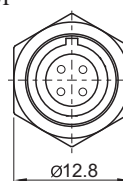


SF811B/P

SF811B/S



In-line cable connector
Mate with SF810B

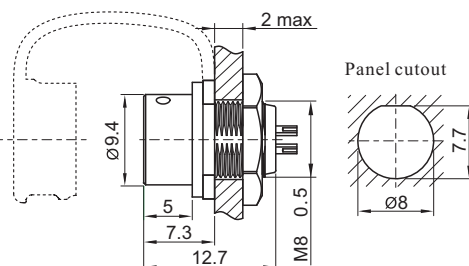
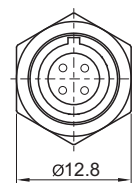


SF812B/P

SF812B/S



Rear-nut mount
Mate with SF810B

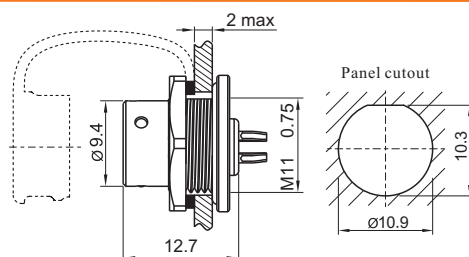
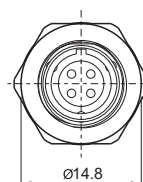


SF815B/P

SF815B/S



Front-nut mount
Mate with SF810B



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)	Ø1×2	Ø1×3	Ø0.6×4	Ø0.6×6	Ø0.6×8
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

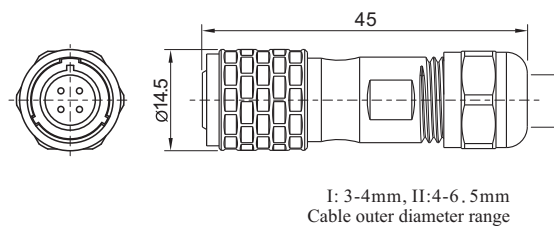
SF10 Series

**SF
10**



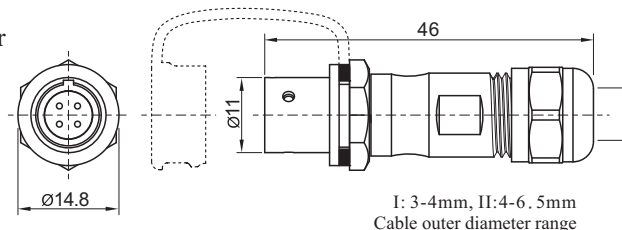
Cable connector
Mate with SF1011, SF1012,
SF1015

SF1010 / P — **SF1010 / S** —
Male contact
Cable outer diameter range
I: 3-4mm, II: 4-6.5mm
Number of contact
Female contact



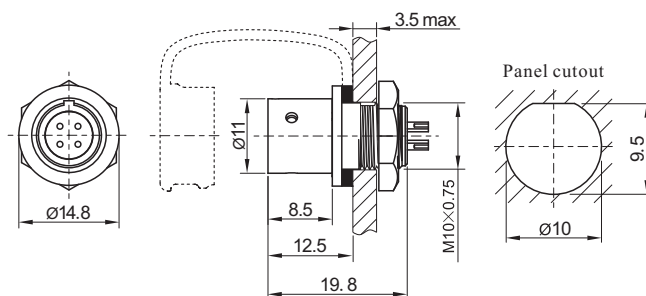
In-line cable connector
Mate with SF1010

SF1011 / P — **SF1011 / S** —



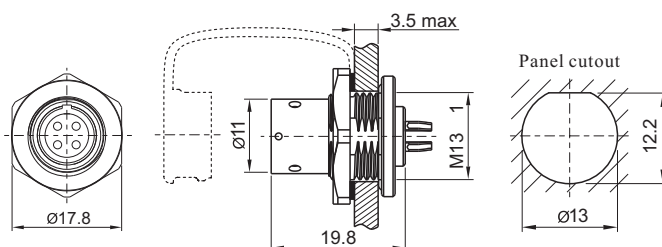
Rear-nut mount
Mate with SF1010

SF1012 / P — **SF1012 / S** —



Front-nut mount
Mate with SF1010

SF1015 / P — **SF1015 / S** —



Solder contact spec

Number of contact	2	3	4	5
Male contact face view				
Rated current (A)	5	5	3	3
Contact diameter(mm)	Ø1×2	Ø1×3	Ø0.7×4	Ø0.7×5
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

SF12 Series

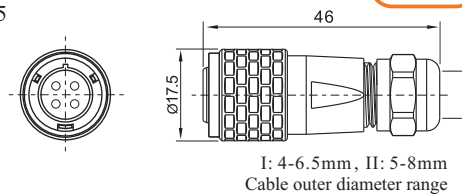
**SF
12**



Cable connector
Mate with SF1211, SF1212, SF1213, SF1215

SF1210 / P — **SF1210 / S** —
Male contact

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

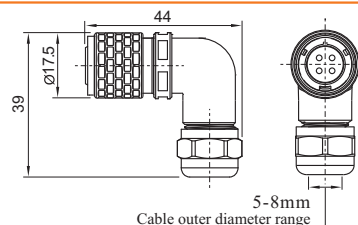


I: 4-6.5mm, II: 5-8mm
Cable outer diameter range



Angled cable connector
Mate with SF1211, SF1212, SF1213, SF1215

SF1214 / P — II **SF1214 / S** — II

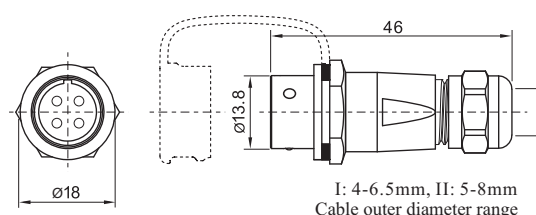


5-8mm
Cable outer diameter range



In-line cable connector
Mate with SF1210, SF1214

SF1211 / P — **SF1211 / S** —

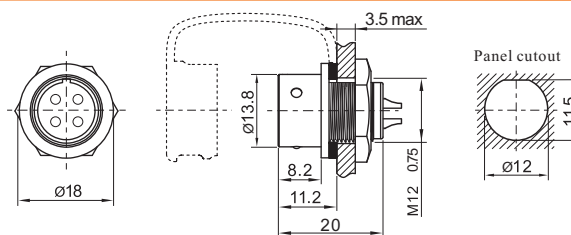


I: 4-6.5mm, II: 5-8mm
Cable outer diameter range



Rear-nut mount
Mate with SF1210, SF1214

SF1212 / P — **SF1212 / S** —
Number of contact

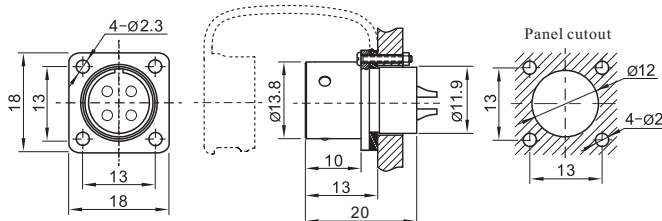


Panel cutout



Square flange
Mate with SF1210, SF1214

SF1213 / P — **SF1213 / S** —

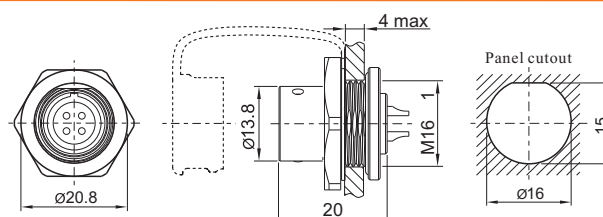


Panel cutout



Front-nut mount
Mate with SF1210, SF1214

SF1215 / P — **SF1215 / S** —



Panel cutout

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)	Ø1.6X2	Ø1.6X3	Ø1X4	Ø1X5	Ø1X6	Ø1X7	Ø0.7X9
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(mm²/AWG)	≤1.5/16	≤1.5/16	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18	≤0.5/20

SF12 Series

**SF
12**



Cable connector
Mate with SF1211, SF1212, SF1213

SF1210 / P

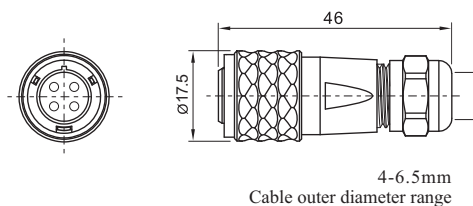
SF1210 / S

Male contact

(U):

Number of contact

Female contact

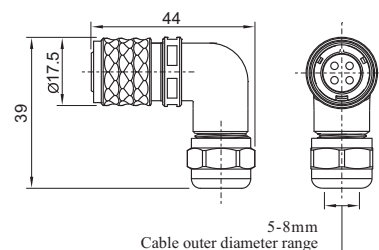


Angled cable connector
Mate with SF1211, SF1212, SF1213

SF1214 / P

SF1214 / S

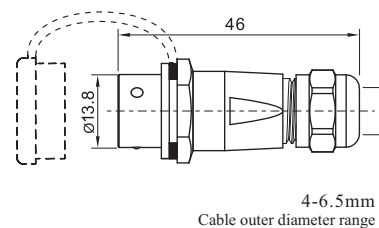
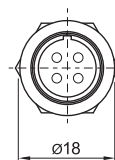
(U):



In-line cable connector
Mate with SF1210, SF1214

SF1211 / P

SF1211 / S



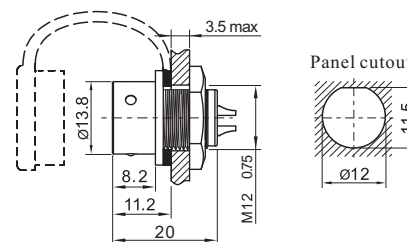
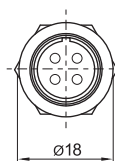
Rear-nut mount
Mate with SF1210, SF1214

SF1212 / P

SF1212 / S

(U):

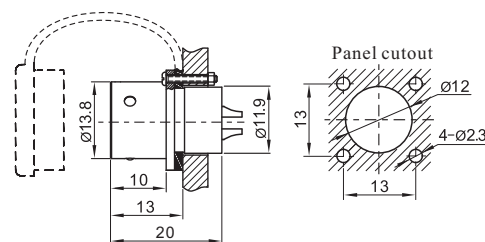
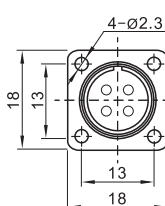
Number of contact



Square flange
Mate with SF1210, SF1214

SF1213 / P

SF1213 / S



Solder contact spec

Number of contact	4	5	6	7
Male contact face view				
Rated current (A)	5	5	5	5
Contact diameter(mm)	Ø1X4	Ø1X5	Ø1X6	Ø1X7
Rated voltage (AC.V)	300	300	300	300
Test voltage(AC.V) 1 min	1500	1000	1000	1000
Contact resistance (mΩ)	5	5	5	5
Wire size (AWG)	18	18	18	18

SF16 Series

**SF
16**

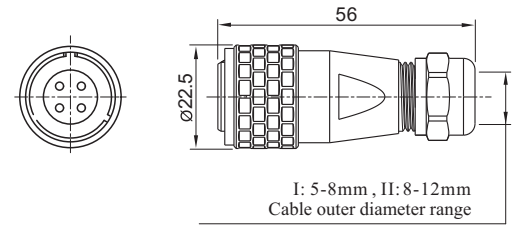


Cable connector
Mate with SF1611, SF1612,
SF1613, SF1615

SF1610 / P _ _ _ SF1610 / S _ _ _

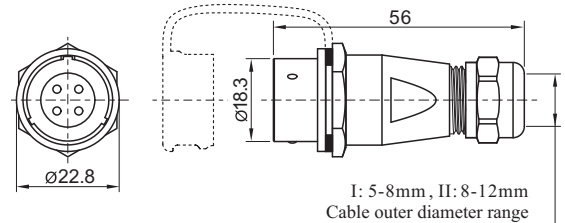
Male contact

I: solder, 3: crimp
Cable outer diameter
I: 5-8mm, II: 8-12mm
Number of contact
Female contact



In-line cable connector
Mate with SF1610

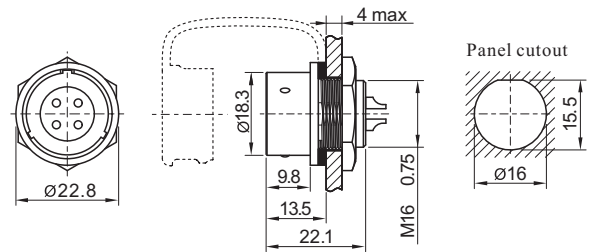
SF1611 / P _ _ _ SF1611 / S _ _ _



Rear-nut mount
Mate with SF1610

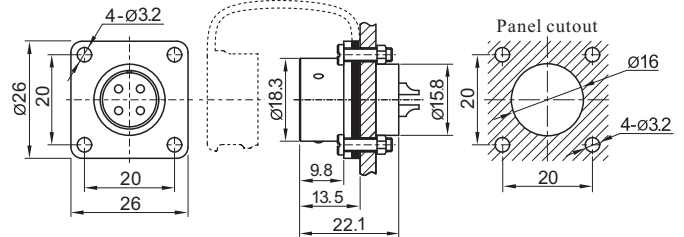
SF1612 / P _ _ _ SF1612 / S _ _ _

I: solder, 3: crimp
Number of contact



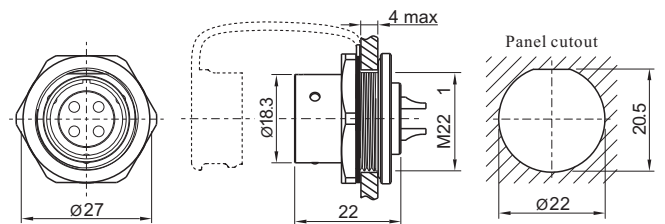
Square flange
Mate with SF1610

SF1613 / P _ _ _ SF1613 / S _ _ _



Front-nut mount
Mate with SF1610

SF1615 / P _ _ _ SF1615 / S _ _ _



Solder contact spec

★Crimp contact spec see P22

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 ² /AWG)	≤1.5/16	≤1.5/16	≤0.75/18	≤1.5/16	≤1.5/16	≤1.5/16	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18

SF20 Series

**SF
20**

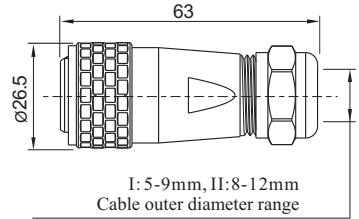
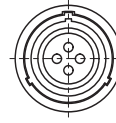


Cable connector
Mate with SF2011, SF2012
SF2013, SF2015

SF2010/P___ SF2010/S___

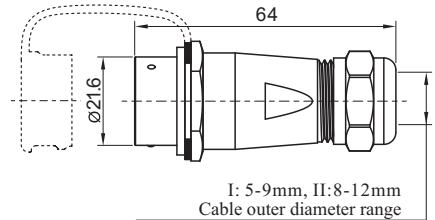
Male contact

1: solder, 2: screw, 3: crimp
Cable outer diameter range
I: 5-9mm, II: 8-12mm
Number of contact
Female contact



SF2011/P___ SF2011/S___

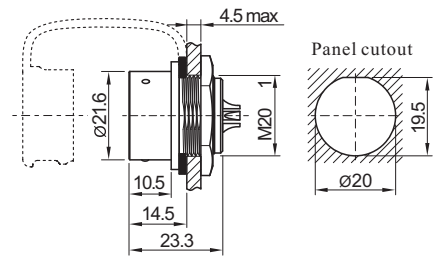
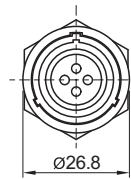
In-line cable connector
Mate with SF2010



SF2012/P___ SF2012/S___

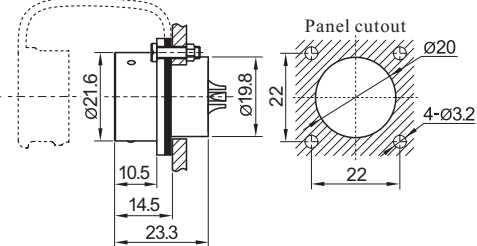
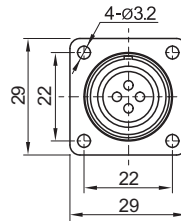
Rear-nut mount
Mate with SF2010

1: solder, 2: screw, 3: crimp
Number of contact



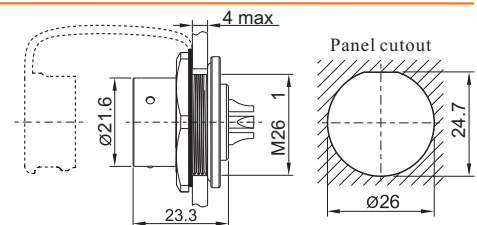
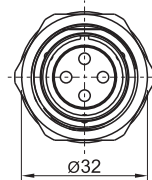
SF2013/P___ SF2013/S___

Square flange
Mate with SF2010



SF2015/P___ SF2015/S___

Front-nut mount
Mate with SF2010



Solder contact spec

★Crimp contact spec see P22 ★Screw contact spec see P23

Number of contact	2	3	4	5	6	6B	7	8	9	12	15
Male contact face view											
Rated current (A)	25	25	25	10	25	30	10	10	5	5	5
Contact diameter(mm)	Ø2.5X2	Ø2.5X3	Ø2.5X4	Ø1.5X5	Ø2.5X4 Ø1X2	Ø3X2 Ø1X4	Ø1.5X7	Ø1.5X8	Ø1X9	Ø1X12	Ø1X15
Rated voltage (AC.V)	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	1200	1200	1200
Contact resistance (mΩ)	1	1	1	2.5	1	1	2.5	2.5	5	5	5
Termination	solder / screw	solder / screw	solder / screw	solder	solder	solder	solder	solder	solder	solder	solder
Wire size for solder (mm ² /AWG)	≤4/12	≤4/12	≤4/12	≤1.5/16	≤4/12 ≤0.75/18	≤4/12 ≤0.75/18	≤1.5/16	≤1.5/16	≤0.75/18	≤0.75/18	≤0.75/18
Wire size for screw termination (mm ² /AWG)	Min:0.5/20 Max:1.5/15	Min:0.5/20 Max:1.5/15	Min:0.5/20 Max:1.5/15	/	/	/	/	/	/	/	/

SF24 Series

**SF
24**

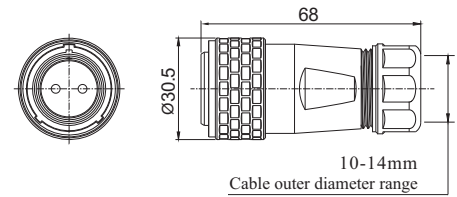


Cable connector
Mate with SF2411, SF2412, SF2413, SF2415

SF2410 / P _ _ _ SF2410 / S _ _ _

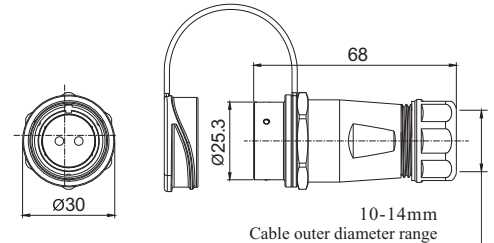
Male contact

1: solder, 2: screw, 3: crimp
Cable outer diameter range
10-14mm,
Number of contact
Female contact



SF2411 / P _ _ _ SF2411 / S _ _ _

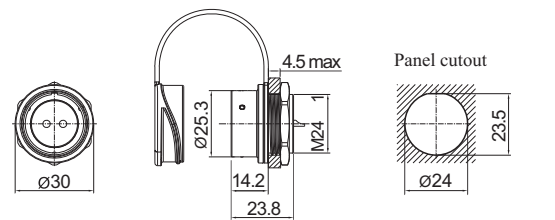
In-line cable connector
Mate with SF2410



SF2412/ P _ _ _ SF2412 / S _ _ _

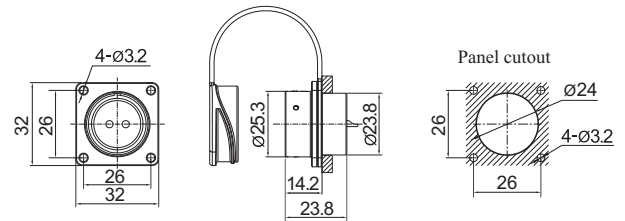
Rear-nut mount
Mate with SF2410

1: solder, 2: screw, 3: crimp
Number of contact



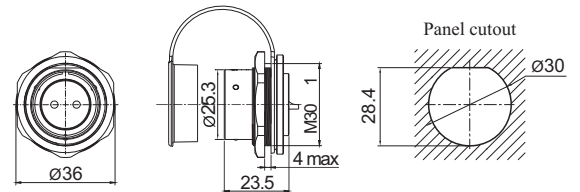
SF2413/ P _ _ _ SF2413 / S _ _ _

Square flange
Mate with SF2410



SF2415/ P _ _ _ SF2415 / S _ _ _

Front-nut mount
Mate with SF2410



Solder contact spec

★ Crimp contact spec see P22 ★ Screw contact spec see P23

Number of contact	2	3	4	9	10	12	12B	19
Male contact face view								
Rated current (A)	25	25	25	5 25	10	10	5 30	5
Contact diameter(mm)	Ø2.5X2	Ø2.5X3	Ø2.5X4	Ø1X5 Ø2.5X4	Ø1.5X10	Ø1.5X12	Ø1X9 Ø3X3	Ø1X19
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	5 1	2.5	2.5	5 1	5
Insulation resistance (MΩ)	2000	2000	2000	2000	2000	2000	2000	2000
Wire size (mm ² /AWG)	≤ 4/12	≤ 4/12	≤ 4/12	≤ 0.75/18 ≤ 4/12	≤ 1.5/16	≤ 1.5/16	≤ 0.75/18 ≤ 4/12	≤ 0.75/18
Wire size for screw termination	Min: 0.5/20 Max: 1.5/15	Min: 0.5/20 Max: 1.5/15	Min: 0.5/20 Max: 1.5/15	/	/	/	/	/

SF24 Series

SF24
Signal & Data

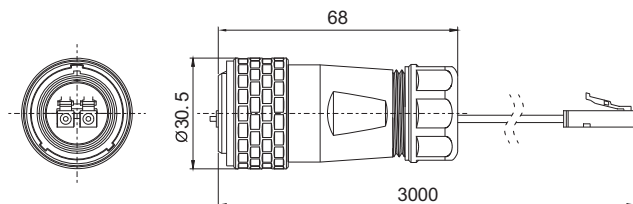


Plug with LC adapter
Mate with SF2411, SF2412, SF2413

SF2410/PLC —

Cable length:
1.0m
3.0m
5.0m

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

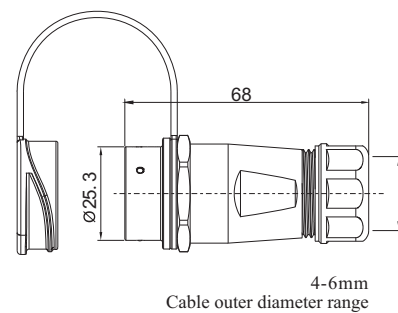
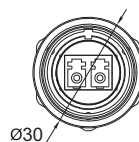


★ Cable length can be customized



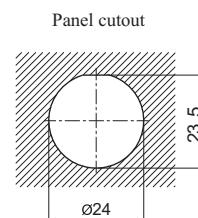
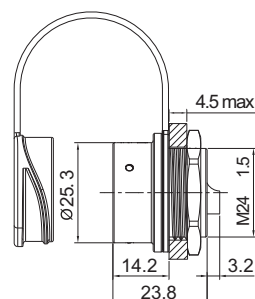
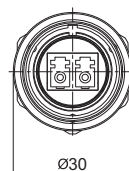
SF2411/SLC —

Receptacle with LC adapter
Mate with SF2410



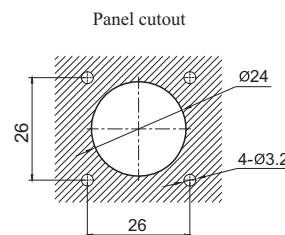
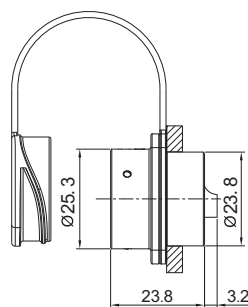
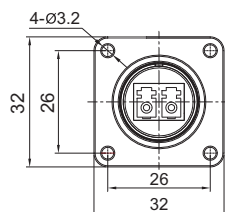
SF2412/SLC —

Rear-nut mount receptacle
with LC adapter
Mate with SF2410



SF2413/SLC —

Square flange receptacle
with LC adapter
Mate with SF2410



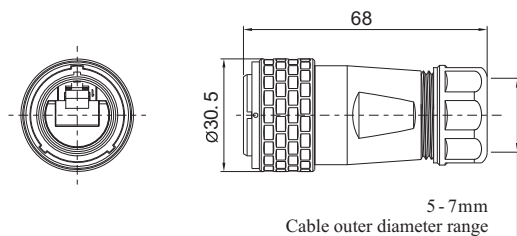
SF24 Series



RJ45 Plug
Mate with SF2411, SF2412, SF2413

SF2410/PRJ45

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

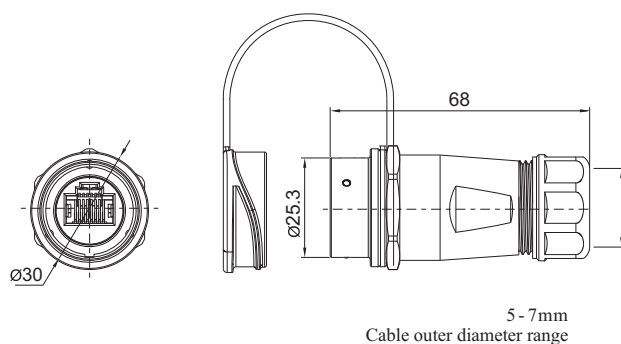


RJ45 Receptacle
Mate with SF2410

SF2411/SRJ45

Blank: CAT5
-C6: CAT6

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

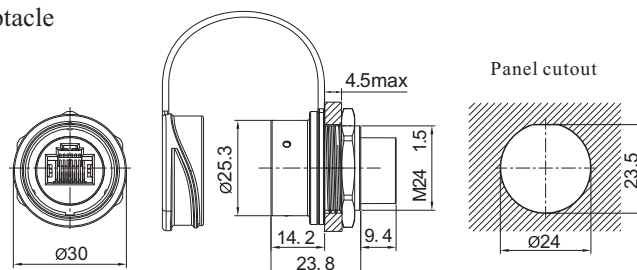


RJ45 Rear-nut mount receptacle
Mate with SF2410

SF2412/SRJ45

Blank: CAT5
-C6: CAT6

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

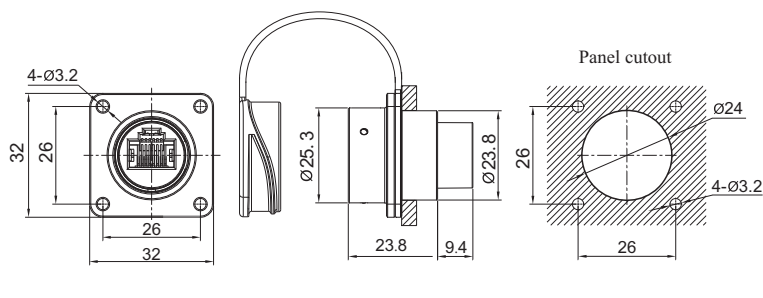


RJ45 Square flange receptacle
Mate with SF2410

SF2413/SRJ45

Blank: CAT5
-C6: CAT6

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



SF24 Series

SF24
Signal&Data

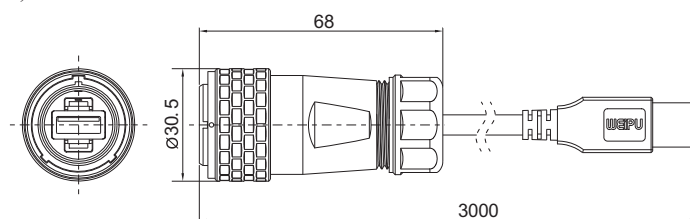


USB3.0 Plug
Mate with SF2411, SF2412, SF2413

SF2410/PUSB3.0 —

Cable length:
1.0m
3.0m
5.0m

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

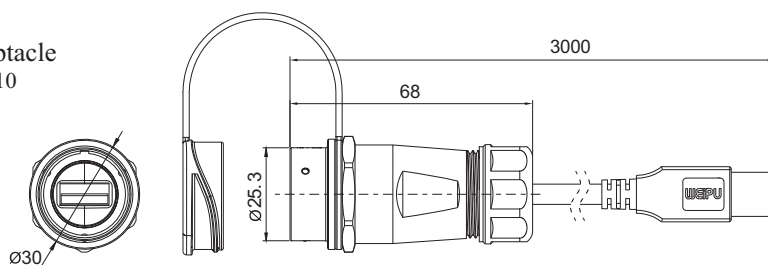


★ The cable length can be customized, but not more than 3 meters.



USB3.0 Receptacle
Mate with SF2410

SF2411/SUSB3.0 —

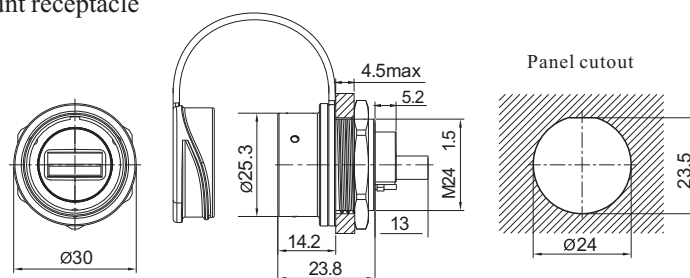


★ The cable length can be customized, but not more than 3 meters.



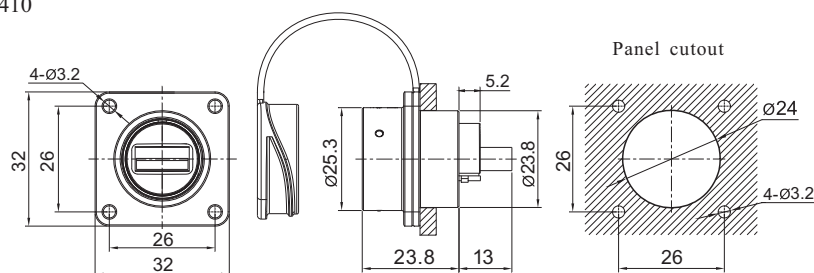
USB3.0 Rear-nut mount receptacle
Mate with SF2410

SF2412/SUSB3.0 —



USB3.0 Square flange receptacle
Mate with SF2410

SF2413/SUSB3.0 —



SF24 Series

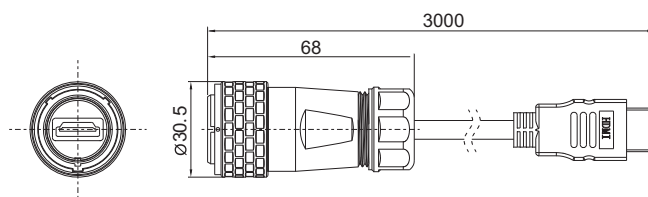


HDMI2.0 Plug
Mate with SF2411, SF2412, SF2413

SF2410/PHDMI2.0 —

Cable length:
1.0m
3.0m
5.0m

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

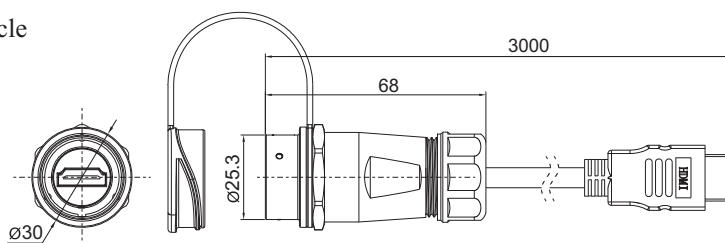


★ The cable length can be customized, but not more than 5 meters.



HDMI2.0 Receptacle
Mate with SF2410

SF2411/SHDMI2.0 —

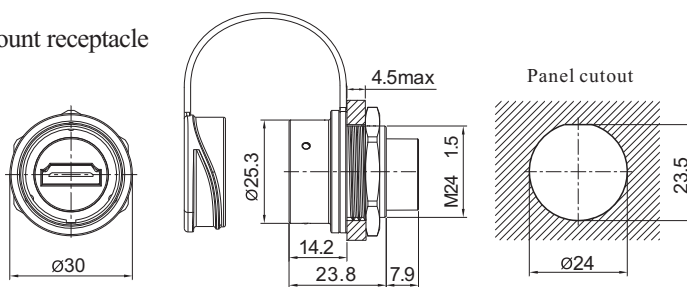


★ The cable length can be customized, but not more than 5 meters.



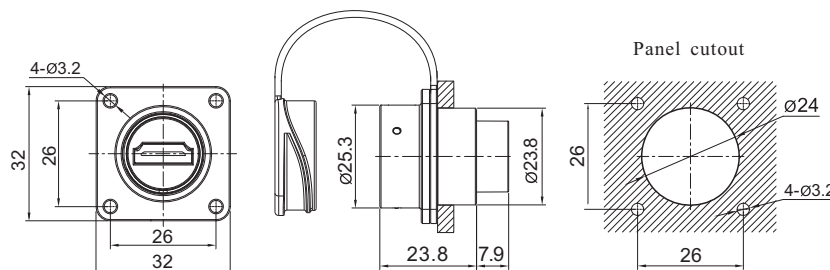
HDMI2.0 Rear-nut mount receptacle
Mate with SF2410

SF2412/SHDMI2.0 —



HDMI2.0 Square flange receptacle
Mate with SF2410

SF2413/SHDMI2.0 —



SF6 Anti-bending



SF6
Anti-bending



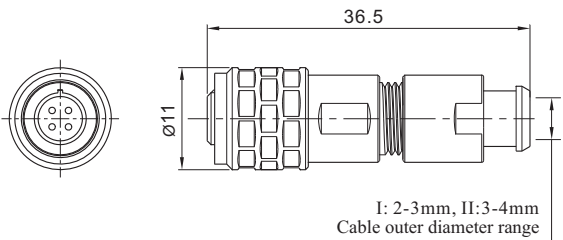
Cable connector
Mate with SF611S, SF612B, SF615B

SF610S/P

SF610S/S

Male contact

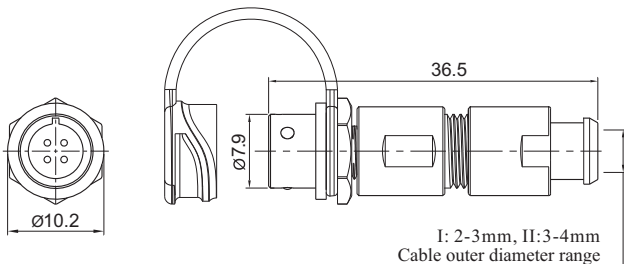
Cable outer diameter range
I: 2-3mm, II: 3-4mm
Number of contact
Female contact



In-line cable connector
Mate with SF610S

SF611S/P

SF611S/S



Note: The bend relief must be ordered separately(page 04-20)

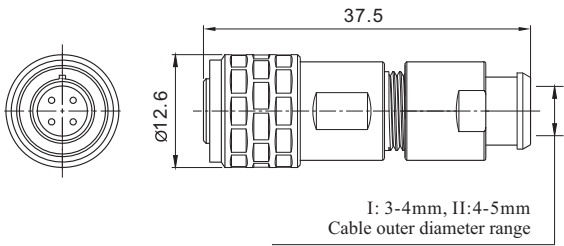
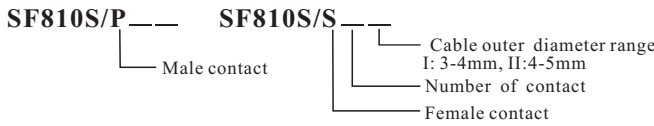
Solder contact spec

Number of contact	2	3	4	5
Male contact face view				
Rated current (A)	3	3	3	3
Contact diameter(mm)	Ø0.6 2	Ø0.6 3	Ø0.6 4	Ø0.6 5
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(mm²/AWG)	≤0.5/20	≤0.5/20	≤0.5/20	≤0.5/20

SF8 Anti-bending

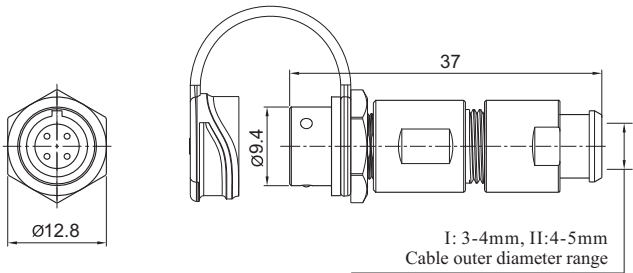


Cable connector
Mate with SF811S, SF812B, SF815B



In-line cable connector
Mate with SF810S

SF811S/P — SF811S/S —



Note: The bend relief must be ordered separately(page 04-20)

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)	Ø1×2	Ø1×3	Ø0.6×4	Ø0.6×6	Ø0.6×8
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(mm²/AWG)	≤0.75/18	≤0.75/18	≤0.5/20	≤0.5/20	≤0.5/20

SF10 Anti-bending



SF10
Anti-bending



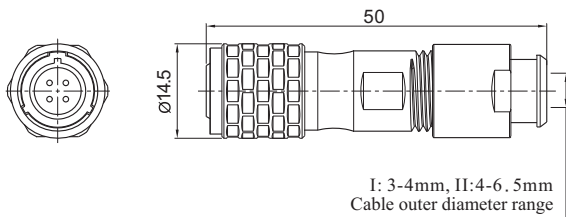
Cable connector
Mate with SF1011S, SF1012, SF1015

SF1010S/P

SF1010S/S

Male contact

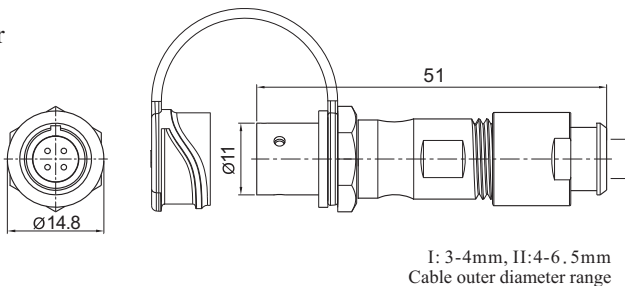
Cable outer diameter range
I: 3-4mm, II: 4-6, 5mm
Number of contact
Female contact



In-line cable connector
Mate with SF1010S

SF1011S/P

SF1011S/S



Note: The bend relief must be ordered separately(page 04-20)

Solder contact spec

Number of contact	2	3	4	5
Male contact face view				
Rated current (A)	5	5	3	3
Contact diameter(mm)	Ø1×2	Ø1×3	Ø0.7×4	Ø0.7×5
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

SF12 Anti-bending



SF12
Anti-bending



SF1210S/P — SF1210S/S

Male contact

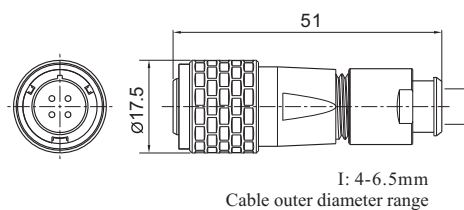
Cable connector

Mate with SF1211S, SF1212, SF1213, SF1215

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

Number of contact

Female contact



I: 4-6.5mm

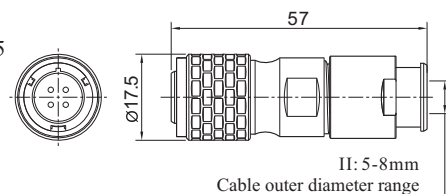
Cable outer diameter range



SF1210S/P — II SF1210S/S — II

Cable connector

Mate with SF1211S II, SF1212, SF1213, SF1215



II: 5-8mm

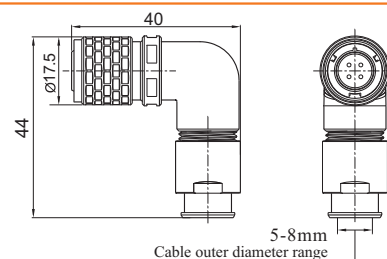
Cable outer diameter range



SF1214S/P — II SF1214S/S — II

Angled cable connector

Mate with SF1211S II, SF1212, SF1213, SF1215



5-8mm

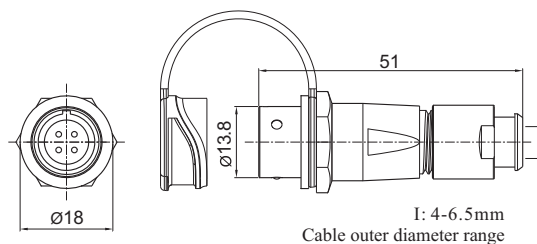
Cable outer diameter range



SF1211S/P — SF1211S/S —

In-line cable connector

Mate with SF1210S



I: 4-6.5mm

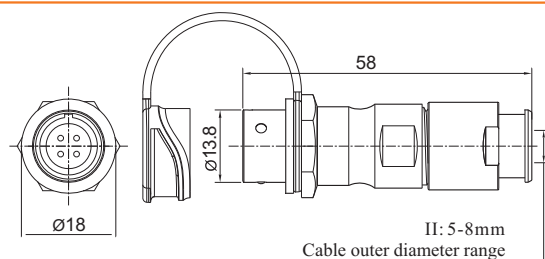
Cable outer diameter range



SF1211S/P — II SF1211S/S — II

In-line cable connector

Mate with SF1210S II, SF1214S II



II: 5-8mm

Cable outer diameter range

Note: The bend relief must be ordered separately (page 04-20)

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)	Ø1.6X2	Ø1.6X3	Ø1X4	Ø1X5	Ø1X6	Ø1X7	Ø0.7X9
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 (mm²/AWG)	≤1.5/16	≤1.5/16	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18	≤0.5/20

SF16 Anti-bending



SF16
Anti-bending

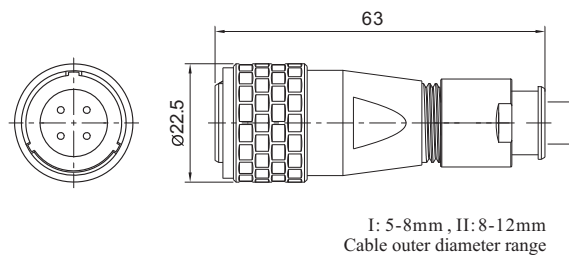


Cable connector
Mate with SF1611S, SF1612, SF1613, SF1615

SF1610S/P — — SF1610S/S — —

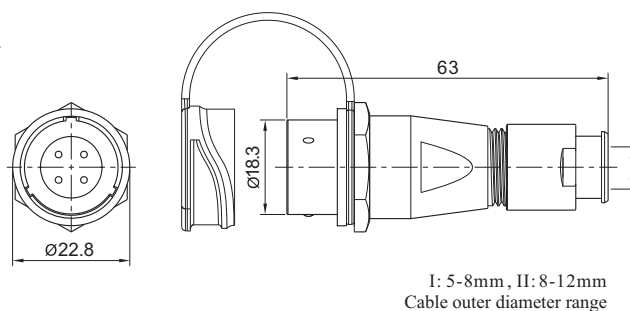
Male contact

- 1: solder, 3: crimp
- Cable outer diameter
I: 5-8mm, II: 8-12mm
- Number of contact
- Female contact



In-line cable connector
Mate with SF1610S

SF1611S/P — — SF1611S/S — —



Note: The bend relief must be ordered separately(page 04-20)

Solder contact spec

★ Crimp contact spec see P22

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(mm²/AWG)	≤1.5/16	≤1.5/16	≤0.75/18	≤1.5/16	≤1.5/16	≤1.5/16	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18

SF20 Anti-bending

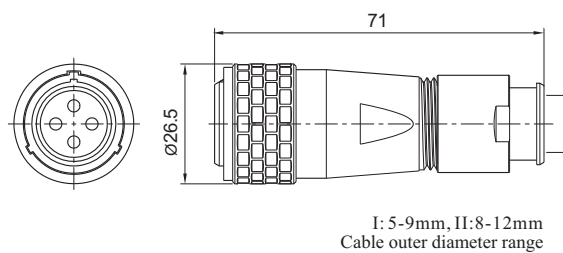


SF20
Anti-bending



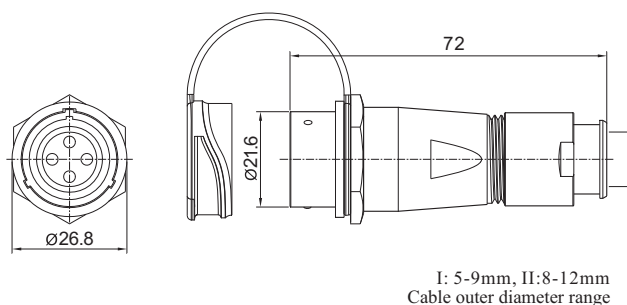
Cable connector
Mate with SF2011S, SF2012, SF2013, SF2015

SF2010S/P — — **SF2016S/S** — —
Male contact
1: solder, 2: screw, 3: crimp
Cable outer diameter range
I: 5-9mm, II: 8-12mm
Number of contact
Female contact



In-line cable connector
Mate with SF2010S

SF2011S/P — — **SF2011S/S** — —



Note: The bend relief must be ordered separately (page 04-20)

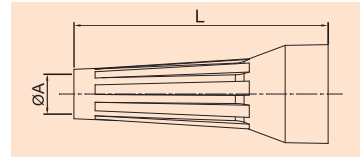
Solder contact spec

★ Crimp contact spec see P22

★ Screw contact spec see P23

Number of contact	2	3	4	5	6	6B	7	8	9	12	15
Male contact face view											
Rated current (A)	25	25	25	10	25 5	30 5	10	10	5	5	5
Contact diameter(mm)	Ø2.5X2	Ø2.5X3	Ø2.5X4	Ø1.5X5	Ø2.5X4 Ø1X2	Ø3X2 Ø1X4	Ø1.5X7	Ø1.5X8	Ø1X9	Ø1X12	Ø1X15
Rated voltage (AC.V)	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	1200	1200	1200
Contact resistance (mΩ)	1	1	1	2.5	1 5	1 5	2.5	2.5	5	5	5
Termination	solder / screw	solder / screw	solder / screw	solder	solder	solder	solder	solder	solder	solder	solder
Wire size for solder (mm²/AWG)	≤4/12	≤4/12	≤4/12	≤1.5/16	≤4/12 ≤0.75/18	≤4/12 ≤0.75/18	≤1.5/16	≤1.5/16	≤0.75/18	≤0.75/18	≤0.75/18
Wire size for screw termination (mm²/AWG)	Min:0.5/20 Max:1.5/15	Min:0.5/20 Max:1.5/15	Min:0.5/20 Max:1.5/15	/	/	/	/	/	/	/	/

SF Bend relief (TPU)



Part model	Series	Bend relief		Cable Ø		Material	Temperature range
		A Line port	L Length	min.	max.		
SF6-FZ(2-2.5)-TBK	SF6	2.3	26	2	2.5	TPU Thermoplastic Polyurethane	-40°C~80°C
SF6-FZ(2.6-3)-TBK		2.8	26	2.6	2.8		
SF6-FZ(3-3.5)-TBK		3.3	26	3	3.5		
SF6-FZ(3.6-4)-TBK		3.8	26	3.6	4		
SF8-FZ(3-3.5)-TBK	SF8	3.3	28	3	3.5		
SF8-FZ(3.6-4)-TBK		3.8	28	3.6	4		
SF8-FZ(4-4.5)-TBK		4.3	28	4	4.5		
SF8-FZ(4.6-5)-TBK		4.8	28	4.6	5		
SF10-FZ(3-3.5)-TBK	SF10	3.3	35	3	3.5		
SF10-FZ(3.6-4)-TBK		3.8	35	3.6	4		
SF10-FZ(4-4.5)-TBK		4.3	35	4	4.5		
SF10-FZ(4.6-5)-TBK		4.8	35	4.6	5		
SF10-FZ(5-5.5)-TBK		5.3	35	5	5.5		
SF10-FZ(5.6-6)-TBK		5.8	35	5.6	6		
SF10-FZ(6-6.5)-TBK		6.3	35	6	6.5		
SF12-FZ(5-5.5)-TBK	SF12	5.3	42	5	5.5		
SF12-FZ(5.6-6)-TBK		5.8	42	5.6	6		
SF12-FZ(6-6.5)-TBK		6.3	42	6	6.5		
SF12-FZ(6.6-7)-TBK		6.8	42	6.6	7		
SF12-FZ(7-7.5)-TBK		7.3	42	7	7.5		
SF12-FZ(7.6-8)-TBK		7.8	42	7.6	8		
SF16-FZ(8-8.5)-TBK	SF16 SF20	8.3	56	8	8.5		
SF16-FZ(8.6-9)-TBK		8.8	56	8.6	9		
SF16-FZ(9-9.5)-TBK		9.3	56	9	9.5		
SF16-FZ(9.6-10)-TBK		9.8	56	9.6	10		
SF16-FZ(10-10.5)-TBK		10.3	56	10	10.5		
SF16-FZ(10.6-11)-TBK		10.8	56	10.6	11		
SF16-FZ(11-11.5)-TBK		11.3	56	11	11.5		
SF16-FZ(11.6-12)-TBK		11.8	56	11.6	12		