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 **WEiPU[®] Connector**



Series

Page

SF Series

1 2

IP rating: IP67

Coupling: push-pull

Termination: solder



ST Series

3-4

IP rating: IP67

Coupling: threaded

Termination: solder



SP Series

5-11

IP rating: IP68

Coupling: threaded

Termination: solder/screw/crimp



SY Series

12-15

IP rating: IP67

Coupling: bayonet

Termination: solder/screw/crimp



RJ45F Series

16

IP rating: IP67

Coupling: bayonet

For Ethernet RJ45F connector



Series

Page

WA Series

17-18



IP rating: IP67

Coupling: threaded

Termination: 3+PE Screw
6+PE Solder

WP Series

19-20



IP rating: IP44, IP55

Coupling: bayonet

Termination: solder/screw/crimp

WS Series

21-28



IP rating: for indoor only

Coupling: threaded

Termination: solder/crimp

WF Series

29-35



IP rating: IP44, IP55, IP65, IP67

Coupling: threaded

Termination: solder/crimp

WY Series

37-43



IP rating: IP44, IP55, IP65, IP66, IP67

Coupling: bayonet

Termination: solder/crimp

Series

Page

Cable gland

45

IP rating: IP68



Solder contact spec

47-48

For WS, WF, WY series



Crimp contact spec and tools

49-52

For WS, WF, WY, WP, SP, SY series



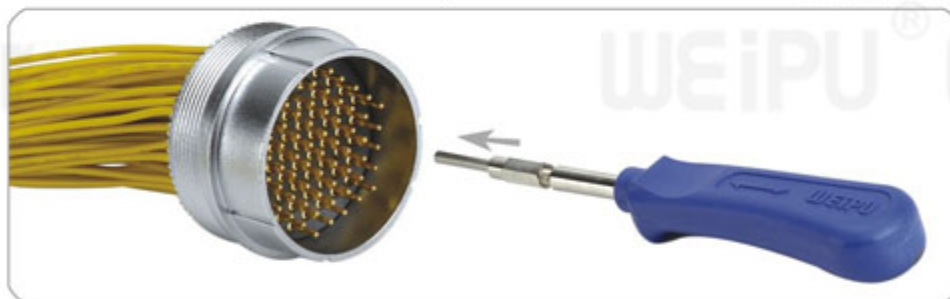
CRIMP



Crimp



Insert contact



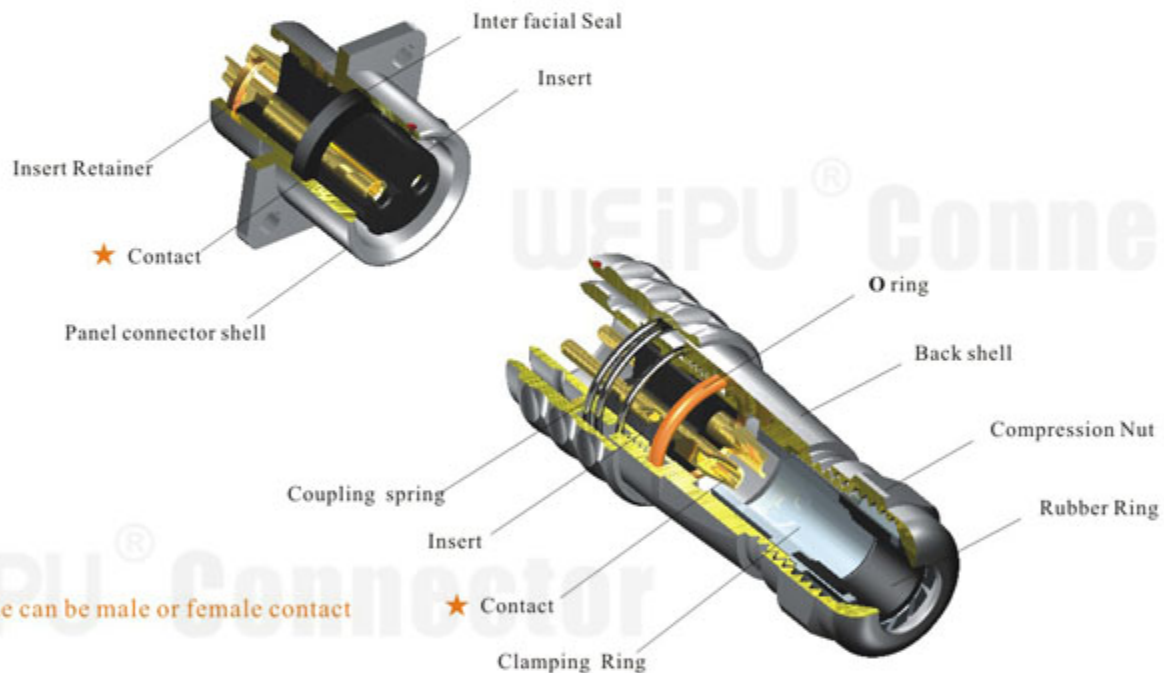
Remove contact

- Crimp contact for: SP/SY/WP/WS/WF/WY Series
- 5A crimp contact : stamped
- 10A/25A/50A crimp contact: machined
- Insert material : PPS , max temperature 260°C
UL 94 V-0

IP67



● SF12 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, fire resistance : V-0
Contact material	Brass with gold plating
Termination	Solder
Cable outer diameter range	I : 4-6.5mm II : 5-8mm
IP rating	IP67
Mating cycle	>500
Temperature range	-40C~+85C
Insulation resistance MΩ	2000

SF12 Series IP67

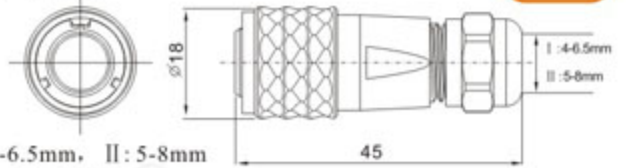
**SF
12**



SF1210 / P — SF1210 / S —

Cable connector

Mate with SF1211, SF1212, SF1213



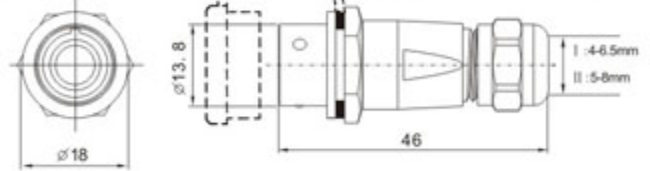
Cable outer diameter: I : 4-6.5mm, II : 5-8mm
Number of contact: 2, 3, 4, 5, 6, 7, 9



SF1211 / P — SF1211 / S —

In-line cable connector

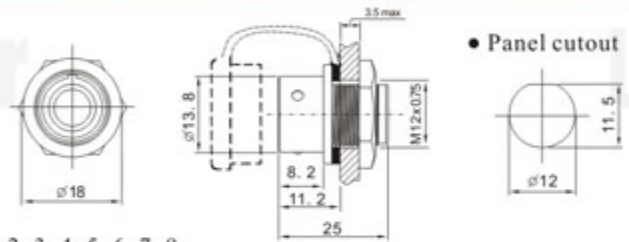
Mate with SF1210



SF1212 / P — SF1212 / S —

Front mount

Mate with SF1210



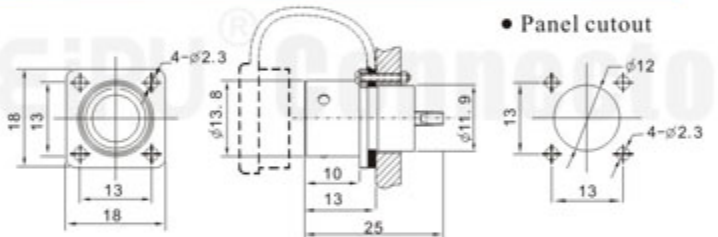
Number of contact: 2, 3, 4, 5, 6, 7, 9



SF1213 / P — SF1213 / S —

Square flange

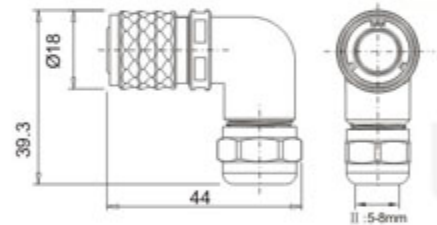
Mate with SF1210



SF1214 / P — II SF1214 / S — II

Angled cable connector

Mate with SF1211, SF1212, SF1213



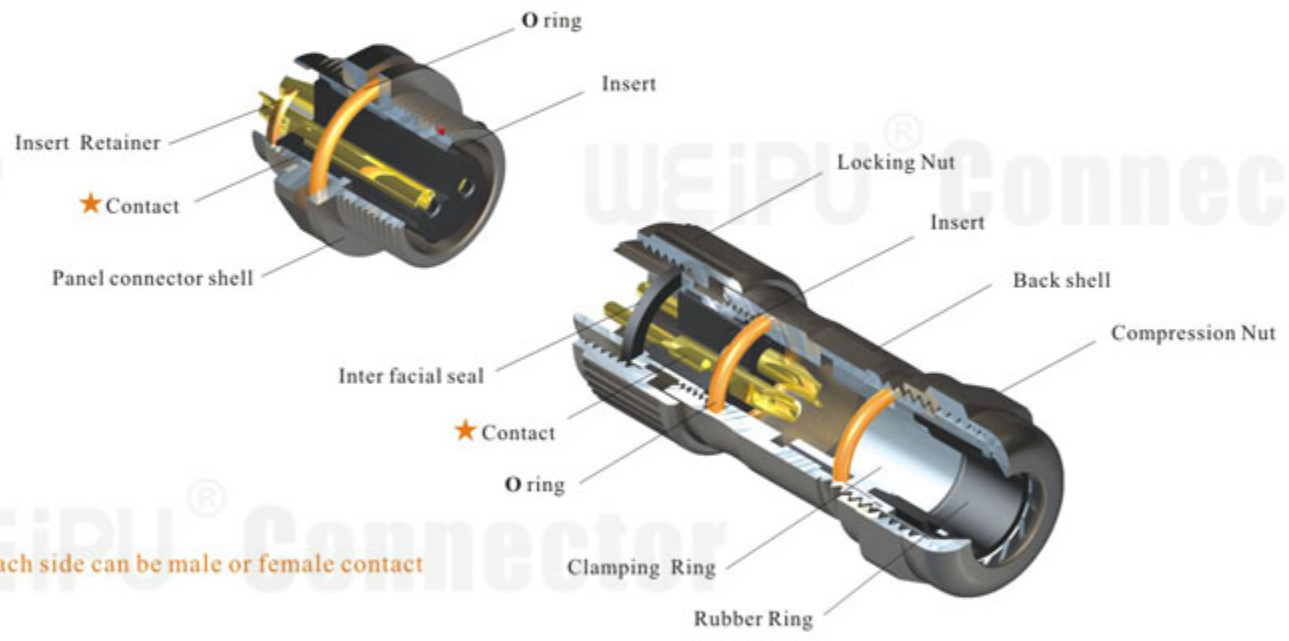
Contact arrangement and spec for solder termination

Number of contact	2	3	4	5	6	7	9
Male contact face view							
Rated current (A)	13A	13A	5A	5A	5A	5A	3A
Contact diameter	∅ 1.6X2	∅ 1.6X3	∅ 1X4	∅ 1X5	∅ 1X6	∅ 1X7	∅ 0.7X9
Rated voltage (AC.V)	250V	250V	200V	180V	125V	125V	125V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1000V	1000V	1000V	1000V
Contact resistance mΩ	2	2	5	5	5	5	10
Wire size mm ² /AWG	≤2/14	≤2/14	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18

IP67



● **ST12 IP67 Threaded coupling**



★ Each side can be male or female contact

Material and spec

Coupling	Threaded coupling
Shell material	Zinc alloy with black nickel plating
Insert material	PPS max temperature 260 °C , fire resistance : V-0
Contact material	Brass with gold plating
Termination	Solder
Cable outer diameter range	5-8mm
IP rating	IP67
Mating cycle	>500
Temperature range	-40C ~ +85C
Insulation resistance MΩ	2000



ST1210 / P_ ST1210 / S_

Cable connector
Mate with ST1211, ST1212, ST1213

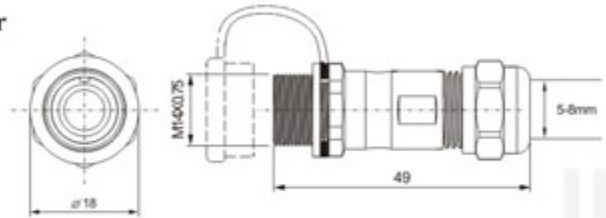


Number of contact: 2. 3. 4. 5. 6. 7. 9



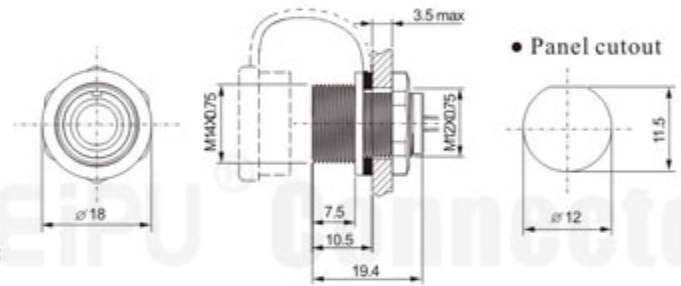
ST1211 / P_ ST1211 / S_

In-line cable connector
Mate with ST1210



ST1212 / P_ ST1212 / S_

Front mount
Mate with ST1210

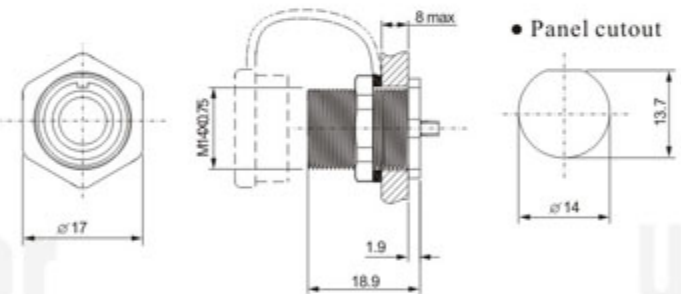


Number of contact: 2. 3. 4. 5. 6. 7. 9



ST1213 / P_ ST1213 / S_

Rear mount
Mate with ST1210



● Angled cable connector available (see page 2)

Contact arrangement and spec for solder termination

Number of contact	2	3	4	5	6	7	9
Male contact face view							
Rated current (A)	13A	13A	5A	5A	5A	5A	3A
Contact diameter	∅ 1.6X2	∅1.6X3	∅ 1X4	∅1X5	∅ 1X6	∅ 1X7	∅ 07X9
Rated voltage (AC.V)	250V	250V	200V	180V	125V	125V	125V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1000V	1000V	1000V	1000V
Contact resistance _{mΩ}	2	2	5	5	5	5	10
Wire size mm ² /AWG	≤2/14	≤2/14	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18

IP 68



● **SP13/SP17/SP21 IP68 Threaded coupling**



★ Each side can be male or female contact

★ Contact

Material and spec

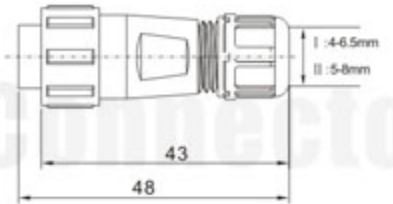
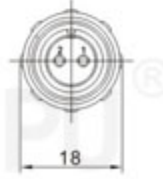
Product type	Connector	Overmolded Cable Assemblies
Coupling	Threaded coupling	Threaded coupling
Shell material	Nylon66, fire resistance : V-0	PC, PVC, fire resistance:V-0; Locking nut material: Anodized aluminum
Insert material	PPS max temperature 260 °C , fire resistance : V-0	PPS max temperature 260 °C , fire resistance : V-0
Contact material	Brass with gold plating	Brass with gold plating
Termination	SP13:solder, SP17:solder/crimp, SP21:solder / screw/crimp	
Cable outer diameter range	SP13 I: 4-6.5mm SP13 II: 5-8mm SP17 :6-10mm SP21 I: 4.5-7mm SP21 II:7-12mm	
IP rating	IP68	IP66
Mating cycle	>500	>500
Temperature range	-25°C ~ +85°C	-20°C ~ +85°C
Insulation resistance MΩ	2000	2000



SP1310 / P --- SP1310 / S ---

Cable connector

Mate with SP1311, SP1312



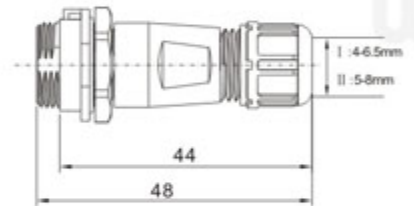
C: with cap, N: without cap
Cable outer diameter: I : 4-6.5mm , II :5-8mm
Number of contact: 2. 3. 4. 5. 6. 7. 9



SP1311 / P --- SP1311 / S ---

In-line cable connector

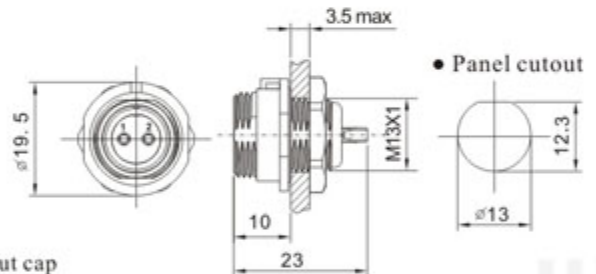
Mate with SP1310



SP1312 / P --- SP1312 / S ---

Front mount

Mate with SP1310



C: with cap, N: without cap
Number of contact: 2. 3. 4. 5. 6. 7. 9

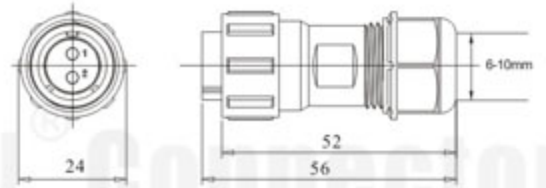
Contact arrangement and spec for solder termination

Number of contact	2	3	4	5	6	7	9
Male contact face view							
Rated current (A)	13A	13A	5A	5A	5A	5A	3A
Contact diameter	∅ 1.6X2	∅1.6X3	∅ 1X4	∅1X5	∅ 1X6	∅ 1X7	∅0.7X9
Rated voltage (AC.V)	250V	250V	200V	180V	125V	125V	125V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1000V	1000V	1000V	1000V
Contact resistance mΩ	2	2	5	5	5	5	10
Wire size mm ² /AWG	≤2/14	≤2/14	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18



SP1710/P --- SP1710/S ---

Cable connector
Mate with SP1711, SP1712

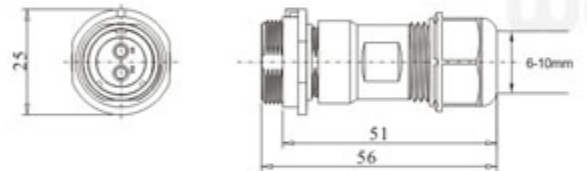


C: with cap, N: without cap
1: solder, 3: crimp
Number of contact: 2, 3, 4, 5, 7, 9, 10



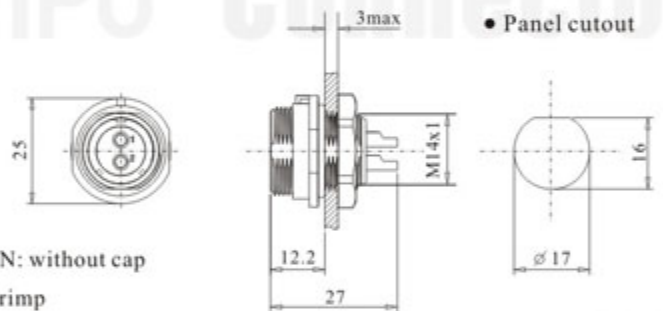
SP1711/P --- SP1711/S ---

In-line cable connector
Mate with SP1710



SP1712/P --- SP1712/S ---

Front mount
Mate with SP1710



C: with cap, N: without cap
1: solder, 3: crimp
Number of contact: 2, 3, 4, 5, 7, 9, 10

Contact arrangement and spec for solder

★ For crimp spec see P49-P52

Number of contact	2	3	4	5	7	9	10
Male contact face view							
Rated current (A)	10A	10A	5A	5A	5A	5A	5A
Contact diameter	∅ 1.5X2	∅ 1.5X3	∅ 1X4	∅ 1X5	∅ 1X7	∅ 1X9	∅ 1X10
Rated voltage (AC.V)	500V	500V	500V	500V	400V	400V	400V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1500V	1200V	1200V	1200V
Contact resistance mΩ	2.5	2.5	5	5	5	5	5
Wire size mm ² /AWG	< 2/14	< 2/14	< 0.785/18	< 0.785/18	< 0.785/18	< 0.785/18	≤ 0.785/18

SP21 Series IP68

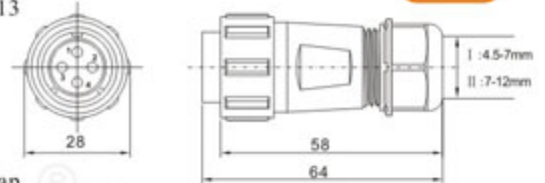
**SP
21**



SP2110 / P --- SP2110 / S

Cable connector

Mate with SP2111, SP2112, SP2113



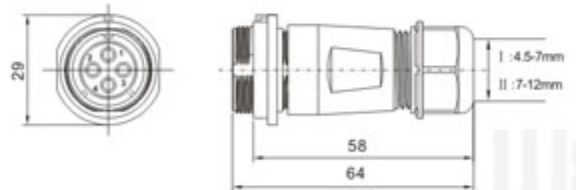
C: with cap, N: without cap
1: solder, 2: screw, 3: crimp
Cable outer diameter I: 4.5-7mm, II: 7-12mm
Number of contact: 2.3.4.5.5B.5C.7.8.9.12



SP2111 / P --- SP2111 / S

In-line cable connector

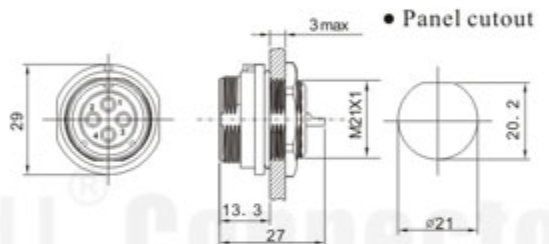
Mate with SP2110



SP2112 / P --- SP2112 / S

Front mount

Mate with SP2110



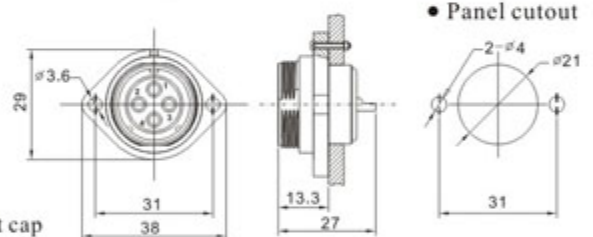
• Panel cutout



SP2113 / P --- SP2113 / S

2-hole flange

Mate with SP2110



• Panel cutout

C: with cap, N: without cap
1: solder, 2: screw, 3: crimp
Number of contact: 2.3.4.5.5B.5C.7.8.9.12

Contact arrangement and spec for solder/screw

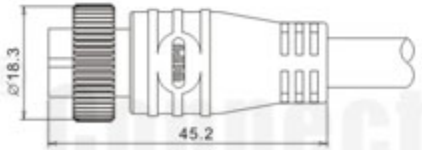
★ For crimp spec see P49-P52

Number of contact	2	3	4	5	5B	5C	7	9	12
Male contact face view									
Rated current (A)	30A	30A	30A	30A	5A, 30A	15A	15A	5A	5A
Contact diameter	∅ 3X2	∅ 3X3	∅ 3X4	∅ 3X5	∅ 1X3 ∅ 3X2	∅ 2X5	∅ 2X7	∅ 1X9	∅ 1X12
Termination	solder / screw	solder / screw	solder / screw	solder / screw	solder / screw	solder	solder	solder	solder
Rated voltage (AC.V)	500V	500V	500V	500V	500V	500V	500V	500V	400V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1200V
Contact resistance mΩ	1	1	1	1	5, 1	2.5	2.5	5	5
Wire size _{mm} /AWG	≤4.17/11	≤4.17/11	≤4.17/11	≤4.17/11	≤0.785/18 ≤4.17/11	≤2/14	≤2/14	≤0.785/18	≤0.785/18

Overmolded Cable Assemblies: SP13 Series IP66



Single ended plug assembly
Mate with SP1311,SP1312,SP1315

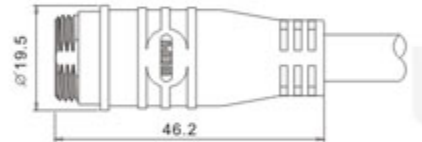


SP1314 / P_ SP1314 / S_

Number of contact: 2. 3. 4. 5. 6. 7. 9



Single ended in-line receptacle assembly
Mate with SP1310,SP1314



SP1315 / P_ SP1315 / S_

Double ended extension assembly
-plug & receptacle



SP1314 / _ + SP1315 / _ -

Double ended plug assembly
-plug & plug



SP1314 / _ + SP1314 / _ -

Double ended in-line receptacle assembly
-receptacle & receptacle



SP1315 / _ + SP1315 / _ -

Number of contact: 2. 3. 4. 5. 6. 7. 9
P: male contact S: female contact

The plugs and receptacles are available with male contact or female contact

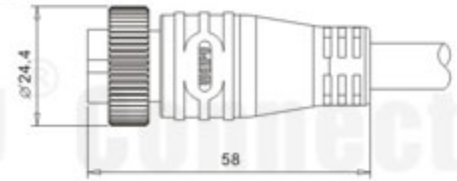
Contact arrangement and spec

Number of contact	2	3	4	5	6	7	9		
Male contact face view									
Rated current (A)	8A	8A	4A	4A	4A	4A	1.6A		
Contact diameter	∅ 1.6X2	∅1.6X3	∅ 1X4	∅1X5	∅ 1X6	∅ 1X7	∅ 0.7X9		
Rated voltage (AC.V)	250V	250V	200V	180V	125V	125V	125V		
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1000V	1000V	1000V	1000V		
Contact resistance mΩ	2	2	5	5	5	5	10		
Wire size mm ² /AWG	< 1/17	< 1/17	< 0.5/20	< 0.5/20	< 0.5/20	< 0.5/20	< 0.2/24		
Wire Color	1- black	2- white	3- red	4- yellow	5- green	6- brown	7- blue	8- orange	9- purple

Overmolded Cable Assemblies: SP17 Series IP66



Single ended plug assembly
Mate with SP1711,SP1712,SP1715

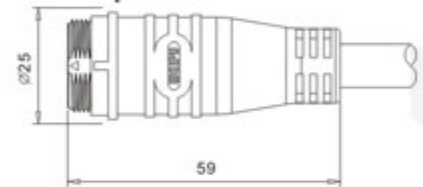


SP1714 / P— SP1714 / S—

Number of contact: 2. 3. 4. 5. 7. 9. 10



Single ended in-line receptacle assembly
Mate with SP1710,SP1714



SP1715 / P— SP1715 / S—

**Double ended extension assembly
-plug & receptacle**



**Double ended plug assembly
-plug & plug**



**Double ended in-line receptacle assembly
-receptacle & receptacle**



SP1714 / — + SP1715 / —

SP1714 / — + SP1714 / —

SP1715 / — + SP1715 / —

Number of contact: 2. 3. 4. 5. 7. 9. 10
P: male contact S: female contact

The plugs and receptacles are available with male contact or female contact

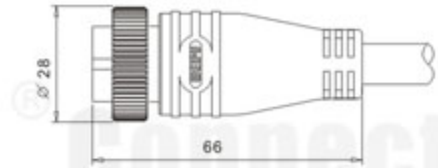
Contact arrangement and spec

Number of contact	2	3	4	5	7	9	10		
Male contact face view									
Rated current (A)	10A	10A	4A	4A	4A	4A	5A		
Contact diameter	∅ 1.5X2	∅ 1.5X3	∅ 1X4	∅ 1X5	∅ 1X7	∅ 1X9	∅ 1X10		
Rated voltage (AC.V)	500V	500V	500V	500V	400V	400V	400V		
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1500V	1200V	1200V	1200V		
Contact resistance mΩ	2.5	2.5	5	5	5	5	5		
Wire size mm ² /AWG	≤ 1.5/15	≤ 1.5/15	≤ 0.5/20	≤ 0.5/20	≤ 0.5/20	≤ 0.5/20	≤ 0.785/18		
Wire Color	1- black	2- white	3- red	4- yellow	5- green	6- brown	7- blue	8- orange	9- purple

Overmolded Cable Assemblies: SP21 Series IP66



Single ended plug assembly
Mate with SP2111,SP2112,
SP2113,SP2115

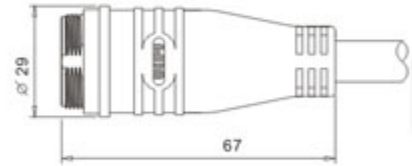


SP2114 / P— SP2114 / S—

Number of contact: 2, 3, 4, 5, 5B, 6, 7, 9, 12



Single ended in-line receptacle assembly
Mate with SP2110,SP2114



SP2115 / P— SP2115 / S—

Double ended extension assembly
-plug & receptacle



SP2114 / — + SP2115 / —

Double ended plug assembly
-plug & plug



SP2114 / — + SP2114 / —

Double ended in-line receptacle assembly
-receptacle & receptacle



SP2115 / — + SP2115 / —

Number of contact: 2, 3, 4, 5, 5B, 5C, 7, 9, 12

P: male contact S: female contact

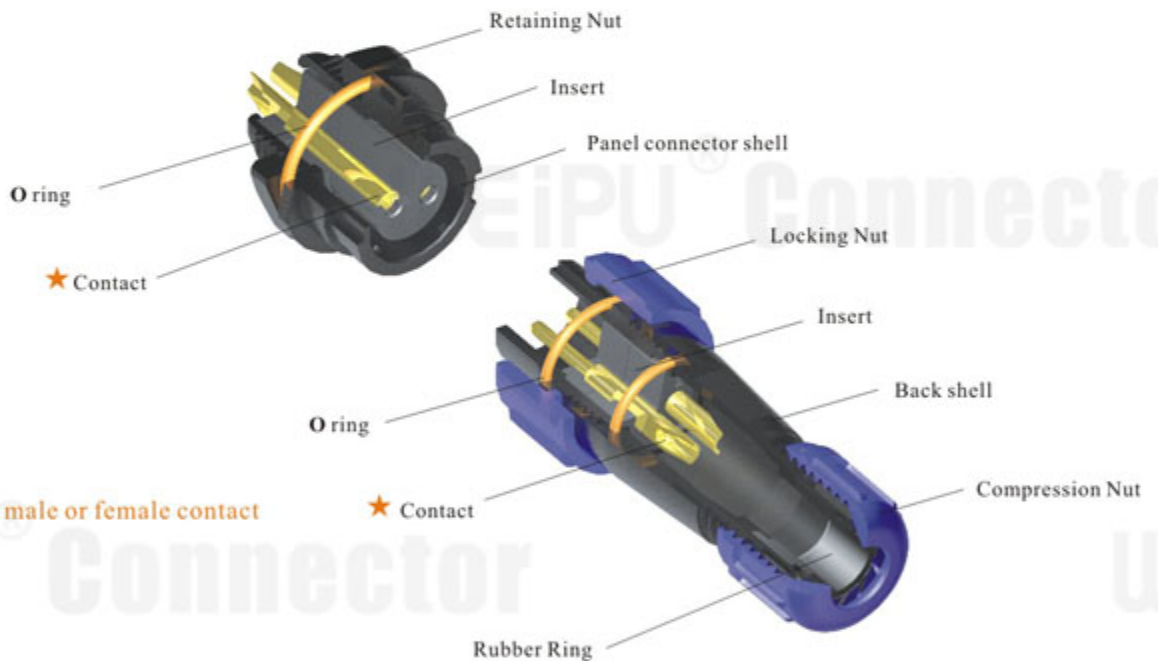
The plugs and receptacles are available with male contact or female contact

Contact arrangement and spec

Number of contact	2	3	4	5	5B	5C	7	9	12	
Male contact face view										
Rated current (A)	20A	20A	20A	20A	4A, 20A	15A	12A	4A	4A	
Contact diameter	∅ 3X2	∅ 3X3	∅ 3X4	∅ 3X5	∅ 1X3 ∅ 3X2	∅ 2X5	∅ 2X7	∅ 1X9	∅ 1X12	
Rated voltage (AC.V)	500V	500V	500V	500V	500V	500V	500V	500V	400V	
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1200V	
Contact resistance mΩ	1	1	1	1	5.1	2.5	2.5	5	5	
Wire size mm ² /AWG	<2.5	<2.5	<2.5	<2.5	<0.5 <2.5	≤2/14	<1.5	<0.5	<0.5	
Wire Color	1- black 2- white 3- red 4- yellow 5- green 6- brown 7- blue 8- orange 9- purple 10- grey 11- pink 12- light green									



● SY13/SY17/SY21 IP67 Bayonet Coupling



Material and spec

Coupling	Bayonet
Shell material	Nylon66, fire resistance : V-0
Insert material	PPS max temperature 260 °C, fire resistance : V-0
Contact material	Brass with gold plating
Termination	SY13:solder, SY17:solder/crimp, SY21:solder / screw / crimp
Cable outer diameter range	SY13 I: 4-6.5mm SY13 II: 5-8mm, SY17:6-10mm, SY21 I: 4.5-7mm SY21 II:7-12mm
IP rating	IP67
Mating cycle	>500
Temperature range	-25°C ~ +85°C
Insulation resistance MΩ	2000

SY13 Series IP67 solder termination



Cable connector
Mate with SY1311, SY1312

SY1310 / P — — — SY1310 / S

C: with cap, N: without cap
Cable outer diameter: I: 4-6.5mm, II: 5-8mm
Number of contact: 2. 3. 4. 5. 6. 7. 9

In-line cable connector
Mate with SY1310

SY1311 / P — — — SY1311 / S — — —

Front mount
Mate with SY1310

SY1312 / P — — — SY1312 / S

• Panel cutout

C: with cap, N: without cap
Number of contact: 2. 3. 4. 5. 6. 7. 9

Contact arrangement and spec for solder termination

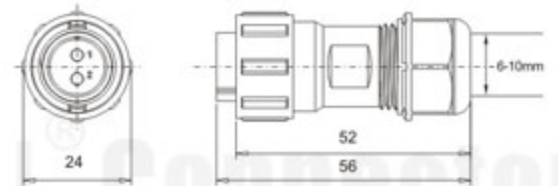
Number of contact	2	3	4	5	6	7	9
Male contact face view							
Rated current (A)	13A	13A	5A	5A	5A	5A	3A
Contact diameter	∅ 1.6X2	∅1.6X3	∅ 1X4	∅1X5	∅ 1X6	∅ 1X7	∅07X9
Rated voltage (AC.V)	250V	250V	200V	180V	125V	125V	125V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1000V	1000V	1000V	1000V
Contact resistance mΩ	2	2	5	5	5	5	10
Wire size mm ² /AWG	≤2/14	≤2/14	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18

SY17 Series IP67 solder/crimp termination



SY1710/P _ _ _ SY1710/S _ _ _

Cable connector
Mate with SY1711, SY1712

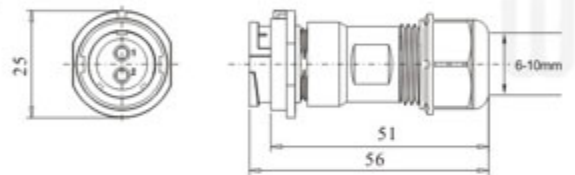


C: with cap, N: without cap
1: solder, 3: crimp
Number of contact: 2, 3, 4, 5, 7, 9, 10



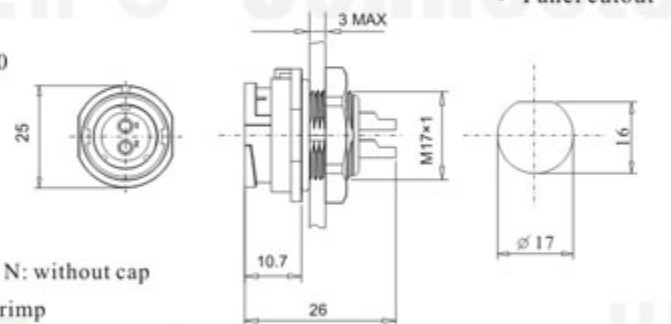
SY1711/P _ _ _ SY1711/S _ _ _

In-line cable connector
Mate with SY1710



SY1712/P _ _ _ SY1712/S _ _ _

Front mount
Mate with SY1710



• Panel cutout

C: with cap, N: without cap
1: solder, 3: crimp
Number of contact: 2, 3, 4, 5, 7, 9, 10

Contact arrangement and spec for solder termination

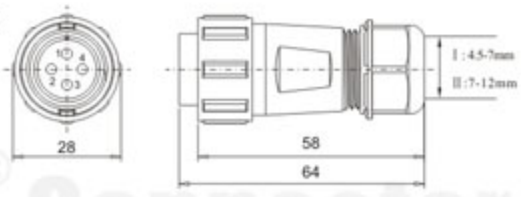
★ For crimp spec see P49-P52

Number of contact	2	3	4	5	7	9	10
Male contact face view							
Rated current (A)	10A	10A	5A	5A	5A	5A	5A
Contact diameter	∅ 1.5X2	∅ 1.5X3	∅ 1X4	∅ 1X5	∅ 1X7	∅ 1X9	∅ 1X10
Rated voltage (AC.V)	500V	500V	500V	500V	400V	400V	400V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1500V	1200V	1200V	1200V
Contact resistance mΩ	2.5	2.5	5	5	5	5	5
Wire size mm ² /AWG	< 2/14	< 2/14	< 0.785/18	< 0.785/18	< 0.785/18	< 0.785/18	≤ 0.785/18

SY21 Series IP67 solder/screw/crimp termination



Cable connector
Mate with SY2111, SY2112, SY2113

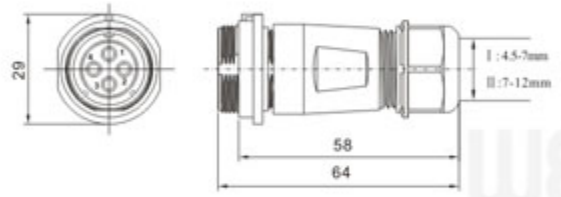


SY2110 / P _ _ _ _ SY2110 / S _ _ _ _

C: with cap, N: without cap
1: solder, 2: screw, 3: crimp
Cable outer diameter: I: 4.5-7mm, II: 7-12mm
Number of contact: 2.3.4.5.5B.5C.7.8.9.12



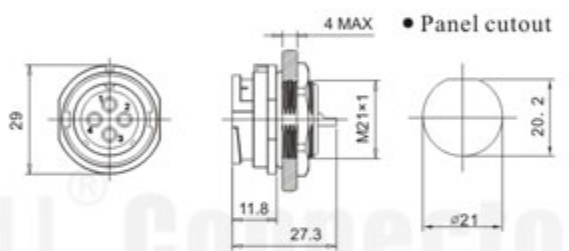
In-line cable connector
Mate with SY2110



SY2111 / P _ _ _ _ SY2111 / S _ _ _ _



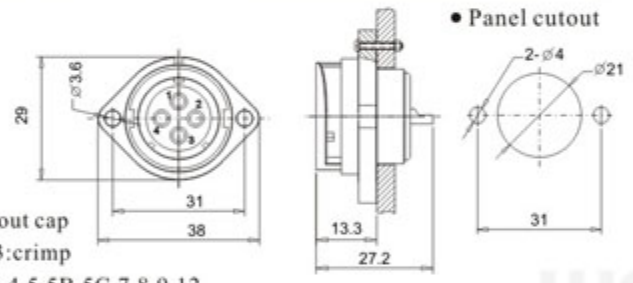
Front mount
Mate with SY2110



SY2112 / P _ _ _ _ SY2112 / S _ _ _ _



2-hole flange
Mate with SY2110



SY2113 / P _ _ _ _ SY2113 / S _ _ _ _

C: with cap, N: without cap
1: solder, 2: screw, 3: crimp
Number of contact: 2.3.4.5.5B.5C.7.8.9.12

Contact arrangement and spec for solder/screw termination


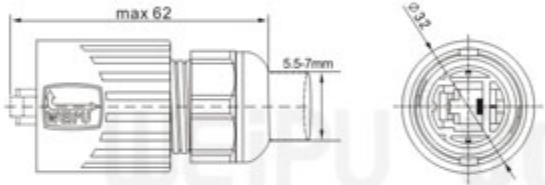

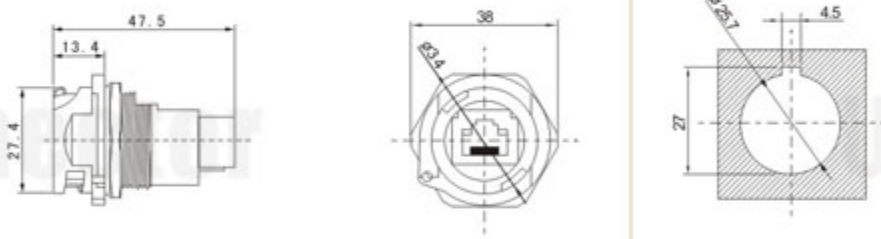
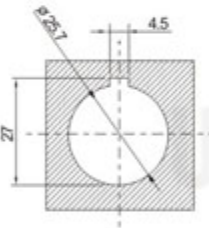

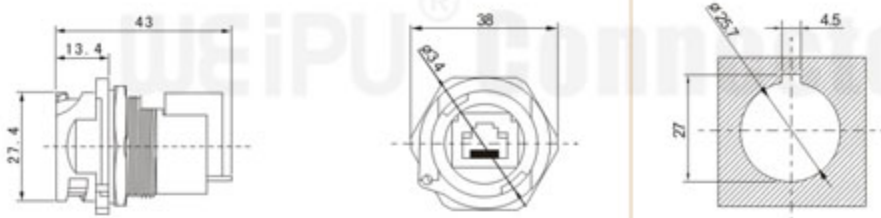
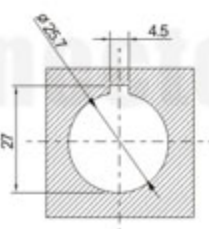
★ For crimp spec see P49-P52

Number of contact	2	3	4	5	5B	5C	7	9	12
Male contact face view									
Rated current (A)	30A	30A	30A	30A	5A, 30A	15A	15A	5A	5A
Contact diameter	∅ 3X2	∅ 3X3	∅ 3X4	∅ 3X5	∅ 1X3 ∅ 3X2	∅ 2X5	∅ 2X7	∅ 1X9	∅ 1X12
Termination	solder / screw	solder / screw	solder / screw	solder / screw	solder / screw	solder	solder	solder	solder
Rated voltage (AC.V)	500V	500V	500V	500V	500V	500V	500V	500V	400V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1200V
Contact resistance mΩ	1	1	1	1	5, 1	2.5	2.5	5	5
Wire size mm ² /AWG	≤4.17/11	≤4.17/11	≤4.17/11	≤4.17/11	≤0.785/18 ≤4.17/11	≤2/14	≤2/14	≤0.785/18	≤0.785/18

IP67





- **RJ45F Series IP67**
Bayonet Coupling, Shell material : PC, fire resistance: V-0

Part number	Drawing and description	Panel cutout
<p>RJ45F6</p> 	<p>Plug , Cable outer diameter 5.5-7mm</p> 	
<p>RJ45F71</p> 	<p>Socket</p> 	
<p>RJ45F71RA</p> 		

IP67


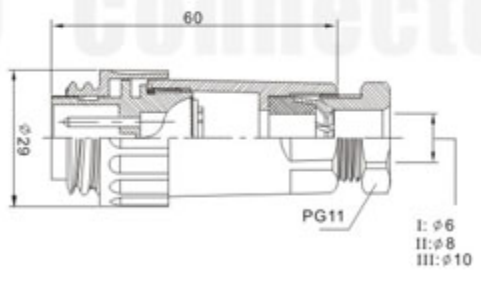











WA22 Series IP67 Material and spec

spec		
Number of contact	3+PE	6+PE
Termination	Screw	Solder
Wire size	Max2.5mm ² /AWG14	Max0.75mm ² /AWG18
Rated voltage (V)	400V	250V
Rated current(A)	16A	10A
Contact diameter	∅1.5X4	∅2X7
Shell material	Nylon66, fire resistance : V-0	
Contact material	Brass with gold plating	
Cable outlet diameter	6, 8, 10mm	
IP rating	IP67	
Mating cycle	>500	
Temperature range	-25℃ ~ +85℃	
Insulation resistance MΩ	2000	
Test voltage(AC.V)I min	2000V	
Contact resistance mΩ	2.5	



WA 22

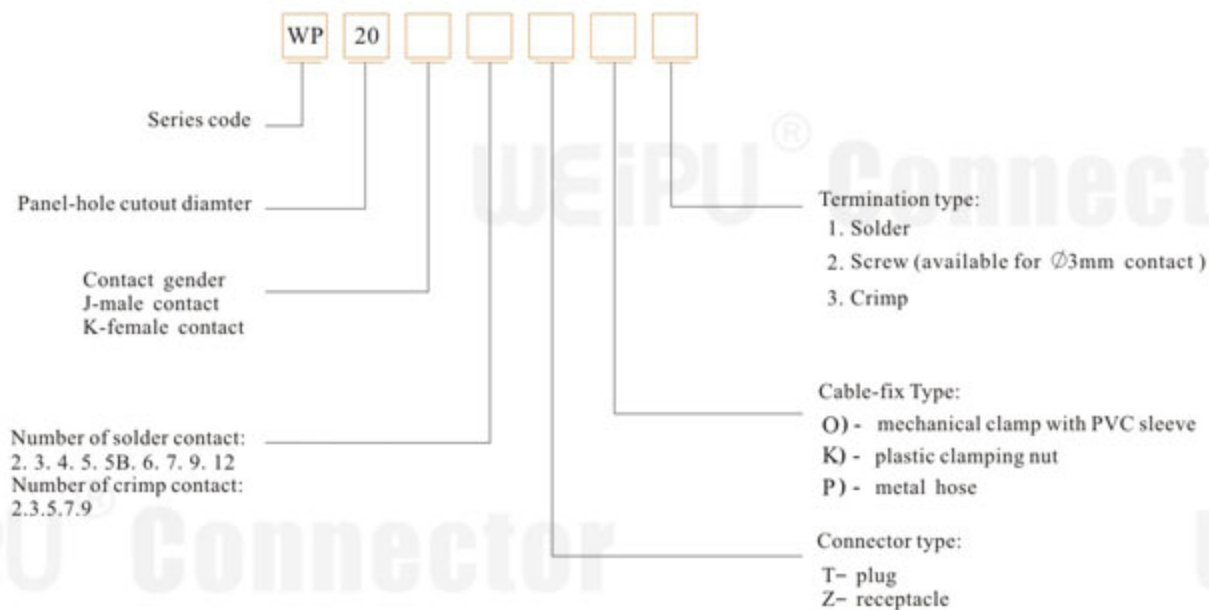
Part number	Description	Drawing
 WA22J4TE2	WA 22 male cable connector 3+PE, screw termination	
 WA22J7TE1	WA 22 male cable connector 6+PE, solder termination	

Part number	Description	Drawing
WA22K4Z2 	WA 22 female panel connector 3+PE, screw termination	
WA22K7Z1 	WA 22 female panel connector 6+PE, solder termination	
WA22K4ZE2 	WA 22 female cable connector 3+PE, screw termination	
WA22K7ZE1 	WA 22 female cable connector 6+PE, solder termination	
WA22J4Z2 	WA 22 male panel connector 3+PE, screw termination	
WA22J7Z1 	WA 22 male panel connector 6+PE, solder termination	
WA22G1 	Cap	
WA22G2 	Cap	



● WP20 Series

Part number system



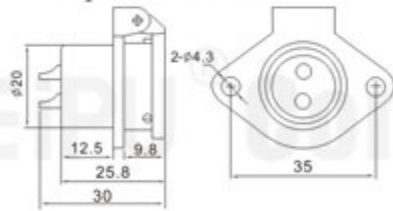
The plugs and receptacles are available with male contact or female contact

Material and spec

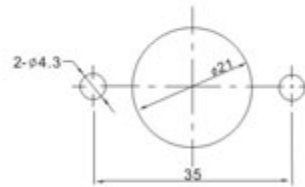
Coupling	Bayonet
Shell	Nylon PA66 and zinc alloy
Insert material	PPS max temperature 260 °C , fire resistance: V-0
Contact material	Brass with gold plating
Termination	2-5 contacts: solder / screw , 7-12 contacts: solder, crimp
Mating cycle	>500
Temperature range	-25°C ~ +85°C



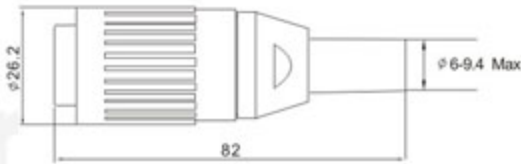
● Receptacle: Z IP44



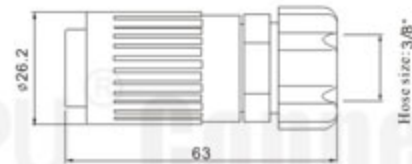
● Panel cutout



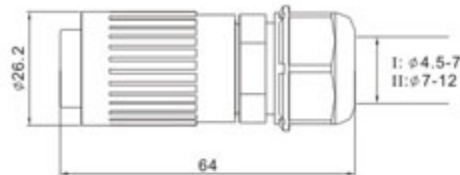
● Mechanical clamp with PVC sleeve : TO



● Metal hose: TP



● Plastic clamping nut : TK IP55



Contact arrangement and spec for solder/screw

★ For crimp spec see P49-P52

Number of contact	2	3	4	5	5B	6	7	9	12
Male contact face view									
Rated current(A)	30A	30A	30A	30A	5A, 30A	5A, 30A	15A	5A	5A
Contact diameter	∅ 3X2	∅ 3X3	∅ 3X4	∅ 3X5	∅1X3 ∅3X2	∅ 1X4 ∅ 3X2	∅ 2X7	∅1X9	∅1X12
Rated voltage (AC.V)	500V	500V	500V	500V	500V	500V	500V	500V	400V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1200V
Contact resistance mΩ	1	1	1	1	5, 1	5, 1	2.5	5	5
Insulation resistance mΩ	2000	2000	2000	2000	2000	2000	2000	2000	2000
Termination	solder / screw solder / screw solder / screw solder / screw						solder	solder	solder
Wire size ^{mm²} /AWG	≤4.17/11	≤4.17/11	≤4.17/11	≤4.17/11	≤0.785/18 ≤4.17/11	≤0.785/18 ≤4.17/11	≤2/14	≤0.785/18	≤0.785/18



● **WS Series**

Part number system



Series code

Panel-hole cutout diameter
16, 20, 24, 28, 32, 40, 48, 55

Contact gender
J-male contact
K-female contact

Number of solder contact:
2, 3, 4, 5, 6, 7, 8, 9, 10, 11,
12, 13, 15, 16, 17, 19, 20, 24,
26, 27, 31, 38, 40, 42, 53, 61

Number of crimp contact:
2, 3, 4, 5, 6, 7, 8, 9, 10,
12, 15, 19, 31, 38, 42, 61

Termination type:

1. Solder
2. Screw (available for $\varnothing 5.5$ - $\varnothing 10$ mm contact)
3. Crimp

Shell structure and cable fix type :

- panel receptacle {
 - Z)- Square flange
 - M)- Round flange
 - G)- 2-hole flange
- straight {
 - Q)- Mechanical clamp with PVC sleeve
 - P)- Metal hose
 - Y)- Mechanical clamp with PVC sleeve
 - D)- Plastic hose
- angled {
 - R)- Metal hose
 - S)- Mechanical clamp with PVC sleeve
 - C)- Plastic hose

Connector type:

- T-plug
- Z-receptacle

● **Remark:**Rated current decreases according to the number of contacts
Rated current decrease rate form

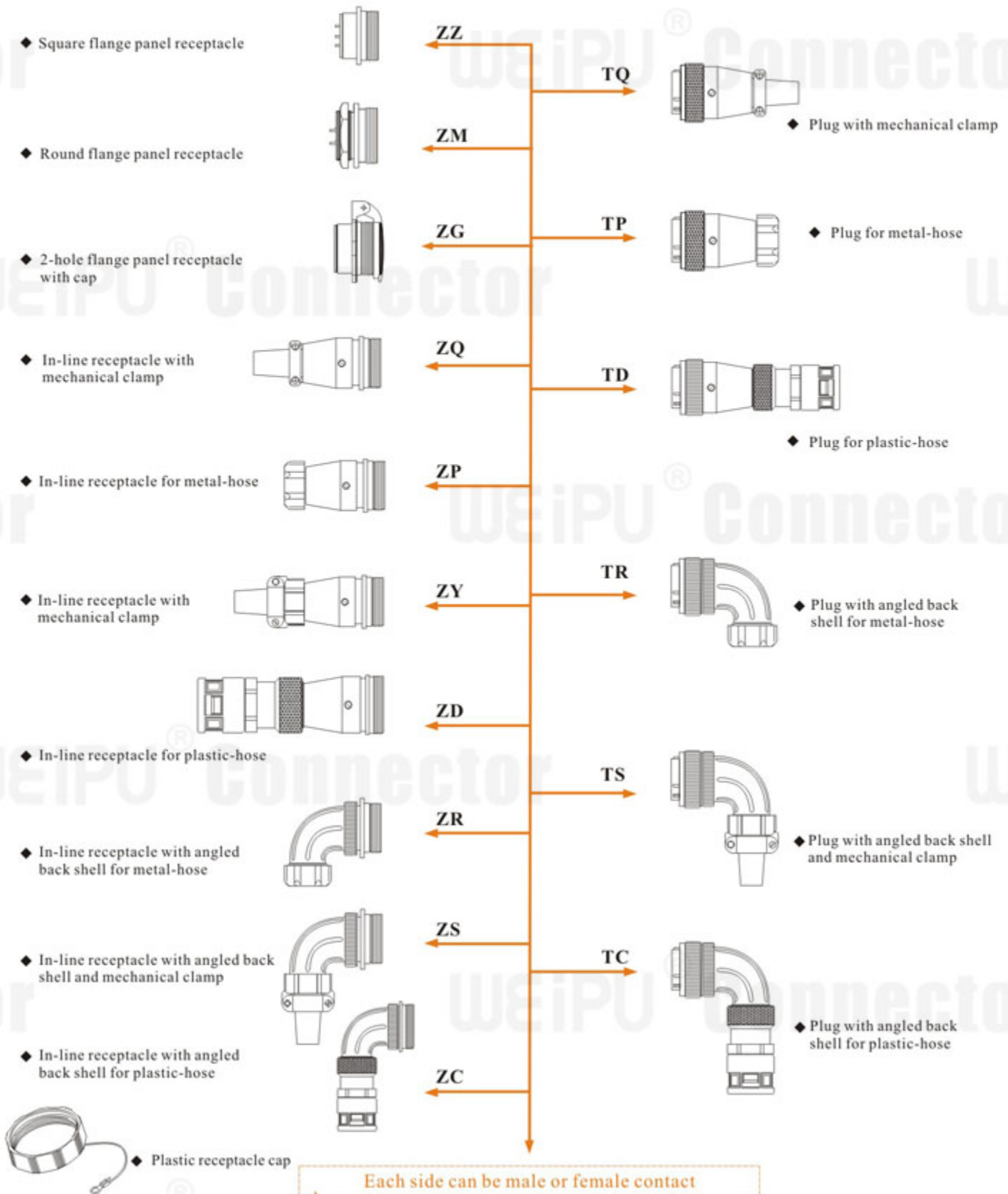
Number of contact	1-3	4-10	11-20	21-30	31-40	41-50	above 51
Decrease rate %	0	10	20	30	40	50	60

The plugs and receptacles are available with male contact or female contact

Material and spec

Coupling	Threaded coupling
Shell material	Zinc alloy with chrome plating
Insert material	PPS max temperature 260 °C , fire resistance: V-0
Contact material	Brass with gold plating
Termination	$\varnothing 1$ - $\varnothing 3.5$ mm Solder, $\varnothing 5.5$ - $\varnothing 10$ mm screw , crimp
Mating cycle	>500
Temperature range	-40°C ~ +85°C
IP Rating	For indoor only

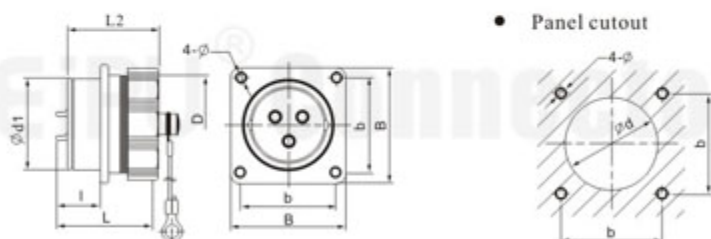
● **WS Series Mating diagram**



Each side can be male or female contact
 ★ Solder contact arrangement and spec see P47-P48
 ★ Crimp contact arrangement and spec see P49-P52



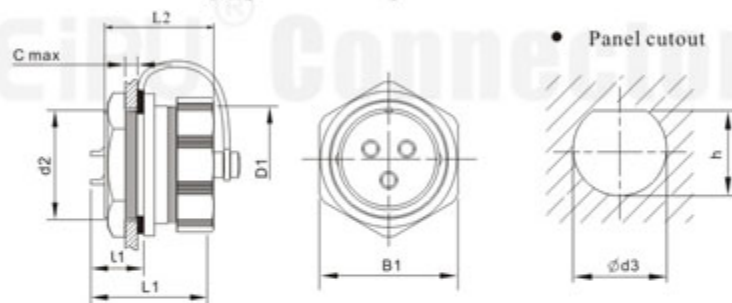
● Square flange panel receptacle : ZZ



★ Solder contact arrangement and spec see P47-P48 ★ Crimp contact arrangement and spec see P49-P52

Dimension (mm)	WS16	WS20	WS24	WS28	WS32	WS40	WS48	WS55
$\phi d1$	16	20	24	28	32	40	48	55
D	M18X1	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
I	13	14	15	15	18.6	20.5	20.5	20.5
L	26	28	28	28	38.2	39.7	39.7	39.7
b	20	22	26	30	32	40	48	52
B	26	29	32	36	42	50	58	64
ϕd	16.5	20.5	24.5	28.5	32.5	40.5	48.5	55.5
ϕ	3.5	3.5	3.5	3.5	3.5	4.5	4.5	4.5
L2	22	23	23	23	34	34	34	34

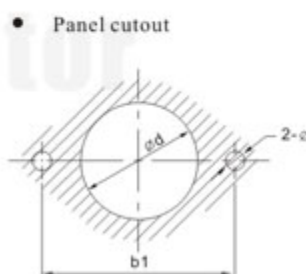
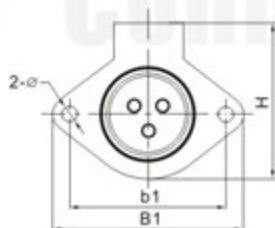
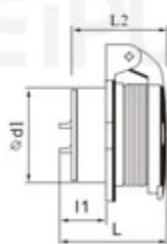
● Round flange panel receptacle: ZM



Dimension (mm)	WS16	WS20	WS24	WS28
d2	M16X1	M20X1	M24X1	M28X1
D1	M18X1	M22X1	M26X1	M30X1
C	5	5	5	5
L1	13	14	15	15
L1	26	28	28	28
B1	21	25	29	33
$\phi d3$	16	20	24	28
h	15.4	19.4	23.2	26.9
L2	22	23	23	23



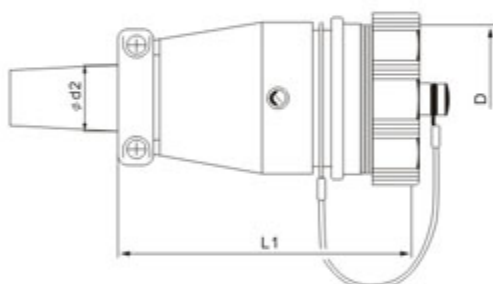
● 2-hole flange panel receptacle with cap: ZG



★ Solder contact arrangement and spec see P47-P48 ★ Crimp contact arrangement and spec see P49-P52

Dimension (mm)	WS16	WS20	WS24	WS28	WS32	WS40	WS48	WS55
∅d	16.5	20.5	24.5	28.5	32.5	40.5	48.5	55.5
∅d1	16	20	24	28	32	40	48	55
l1	13	14	15	15	18.1	20.5	20.5	20.5
L	30	32.3	32.3	32.3	42.2	42.2	42.2	43.2
b1	30	35	40	45	55	65	80	85
B1	38	44	50	55	67	77	92	98
H	32.5	33.5	40.5	45.5	52.5	63.5	74.5	80
φ	3.5	4.5	4.5	4.5	5.5	5.5	5.5	6.5
L2	22	23	23	23	34	34	34	34

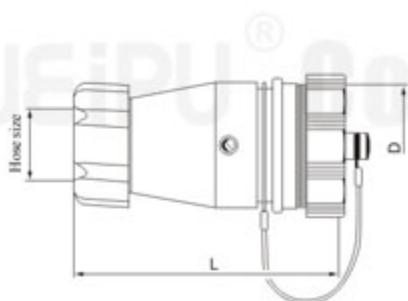
● In-line receptacle with mechanical clamp: ZQ



Dimension (mm)	WS16	WS20	WS24	WS28	WS32	WS40	WS48	WS55
D	M18X1	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
L1	47.5	52	53	55	69	92	98	100
d2 Max	10	11.6	12.4	15.7	19.5	24	24	30



- In-line receptacle for metal-hose: ZP

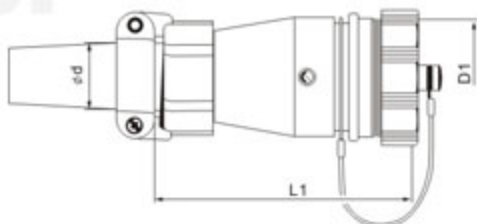


★ Solder contact arrangement and spec see P47-P48

★ Crimp contact arrangement and spec see P49-P52

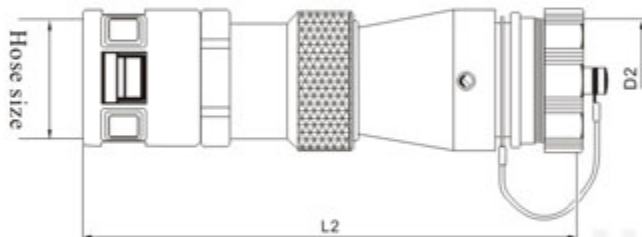
Dimension/mm	WS16	WS20	WS24	WS28	WS32	WS40	WS48	WS55
D	M18X1	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
L	53.5	58	59	61	75	99	103	106
Hose size	1/4"	3/8"	3/8"	1/2"	3/4"	1"	I: 1" II: 1 1/4"	1 1/4"

- In-line receptacle with mechanical clamp: ZY



Dimension/mm	WS16	WS20	WS24	WS28	WS32	WS40	WS48	WS55
D1	M18X1	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
L1	52.3	59.2	67	70	89.2	94.8	101.8	124.7
∅dMax	10	13	13	17	19	23	I: 23 II: 31	31

- In-line receptacle for plastic-hose: ZD



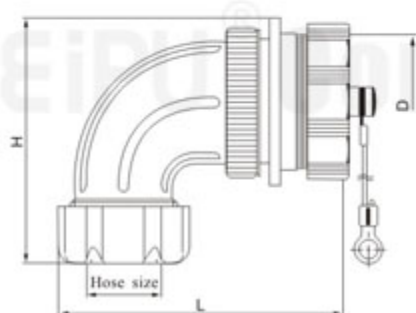
Dimension/mm	WS16	WS20	WS24	WS28	WS32	WS40	WS48	WS55
D2	M18X1	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
L2	80	90	97	104	126.7	134	141	160
Adapter size	PG7	PG11	PG11	PG16	PG21	PG29	I: PG29 II: PG36	PG36
Hose size	1/4"	3/8"	3/8"	1/2"	3/4"	1"	I: 1" II: 1 1/4"	1 1/4"



- In-line receptacle with angled back shell for metal-hose: ZR

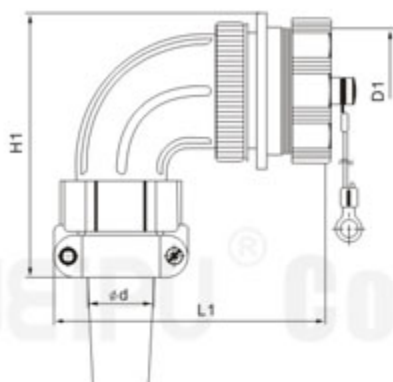
★ Solder contact arrangement and spec see P47-P48

★ Crimp contact arrangement and spec see P49-P52



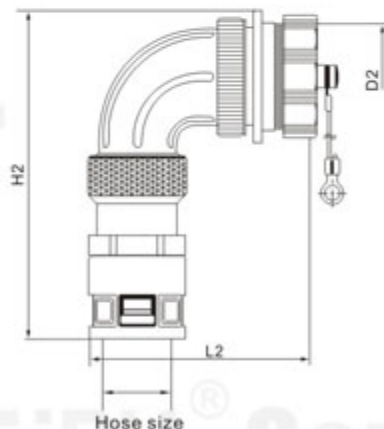
Dimension/mm		WS20	WS24	WS28	WS32	WS40	WS48	WS55
D	—	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
L	—	60	60	63	81	88	96	107
H	—	48	51	52	58	70	82	90
Hose size	—	3/8"	3/8"	1/2"	3/4"	1"	1"	1 1/4"

- In-line receptacle with angled back shell and mechanical clamp: ZS



Dimension/mm		WS20	WS24	WS28	WS32	WS40	WS48	WS55
D1	—	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
L1	—	60.6	60.4	64.7	82	89.2	96	114.2
H1	—	54.4	56.8	64	72	83.3	94.5	112.3
∅d Max	—	13	13	17	19	23	23	31

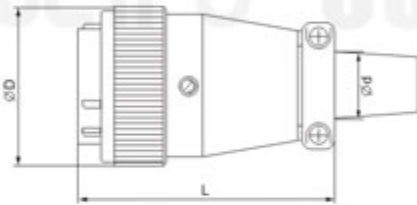
- In-line receptacle with angled back shell for plastic-hose: ZC



Dimension/mm		WS20	WS24	WS28	WS32	WS40	WS48	WS55
D2	—	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
L2	—	60	60	65	82	90	95	110
H2	—	88	88	98	110	120	135	140
Adapter size	—	PG11	PG11	PG16	PG21	PG29	PG29	PG36
Hose size	—	3/8"	3/8"	1/2"	3/4"	1"	1"	1 1/4"



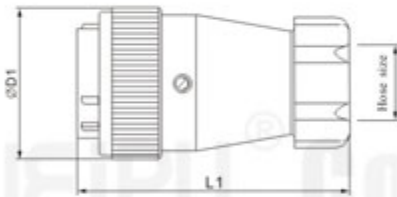
● Plug with mechanical clamp : TQ



★ Solder contact arrangement and spec see P47-P48
 ★ Crimp contact arrangement and spec see P49-P52

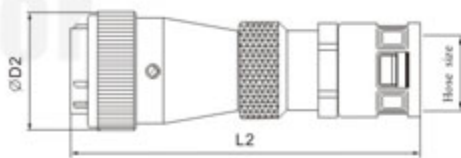
Dimension/mm	WS16	WS20	WS24	WS28	WS32	WS40	WS48	WS55
∅D	21	25.8	30.5	33.8	39.3	49.3	57	64.5
L	44.8	49.5	53.5	56	70	75.5	85.5	97
∅d Max	10	11.6	12.4	15.7	19.5	24	24	30

● Plug for metal-hose: TP



Dimension/mm	WS16	WS20	WS24	WS28	WS32	WS40	WS48	WS55
∅D1	21	25.8	30.5	33.8	39.3	49.3	57	64.5
L1	48	57	58	61	74	82	90	100
Hose size	1/4"	3/8"	3/8"	1/2"	3/4"	1"	I: 1" II: 1 1/4"	1 1/4"

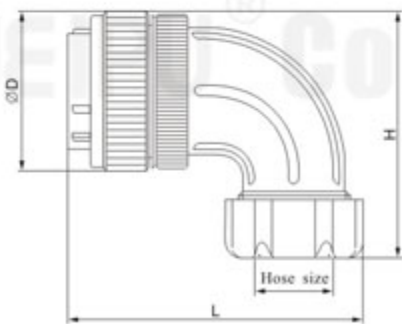
● Plug for plastic-hose: TD



Dimension/mm	WS16	WS20	WS24	WS28	WS32	WS40	WS48	WS55
∅D2	21	25.8	30.5	33.8	39.3	49.3	57	64.5
L2	63	75	60	63	120	132	138	150
Adapter size	PG7	PG11	PG11	PG16	PG21	PG29	I: PG29 II: PG36	PG36
Hose size	1/4"	3/8"	3/8"	1/2"	3/4"	1"	I: 1" II: 1 1/4"	1 1/4"



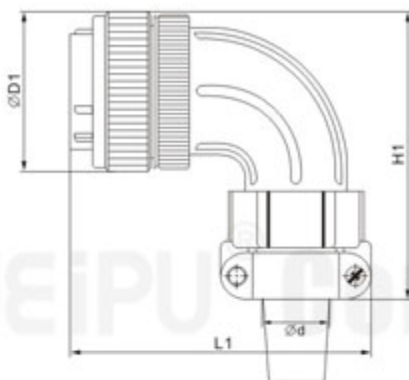
● Plug with angled back shell for metal-hose: TR



★ Solder contact arrangement and spec see P47-P48
 ★ Crimp contact arrangement and spec see P49-P52

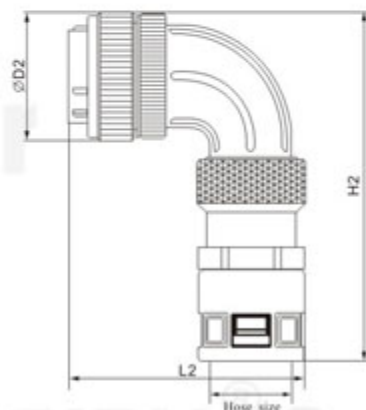
Dimension/mm		WS20	WS24	WS28	WS32	WS40	WS48	WS55
$\varnothing D$	—	25.6	30	33.8	38.2	46.2	55.8	63
H	—	48	51	52	58	70	82	90
L	—	60	60	63	81	88	96	107
Hose size	—	3/8"	3/8"	1/2"	3/4"	1"	1"	1 1/4"

● Plug with angled back shell and mechanical clamp: TS



Dimension/mm		WS20	WS24	WS28	WS32	WS40	WS48	WS55
$\varnothing D1$	—	25.6	30	33.8	38.2	46.2	55.8	63
H1	—	53	57	61	66	78	91	100
L1	—	60	61	64	80	88	96	107
$\varnothing d$ Max	—	11.6	12.4	15.7	19.5	24	24	30

● Plug with angled back shell for plastic-hose: TC

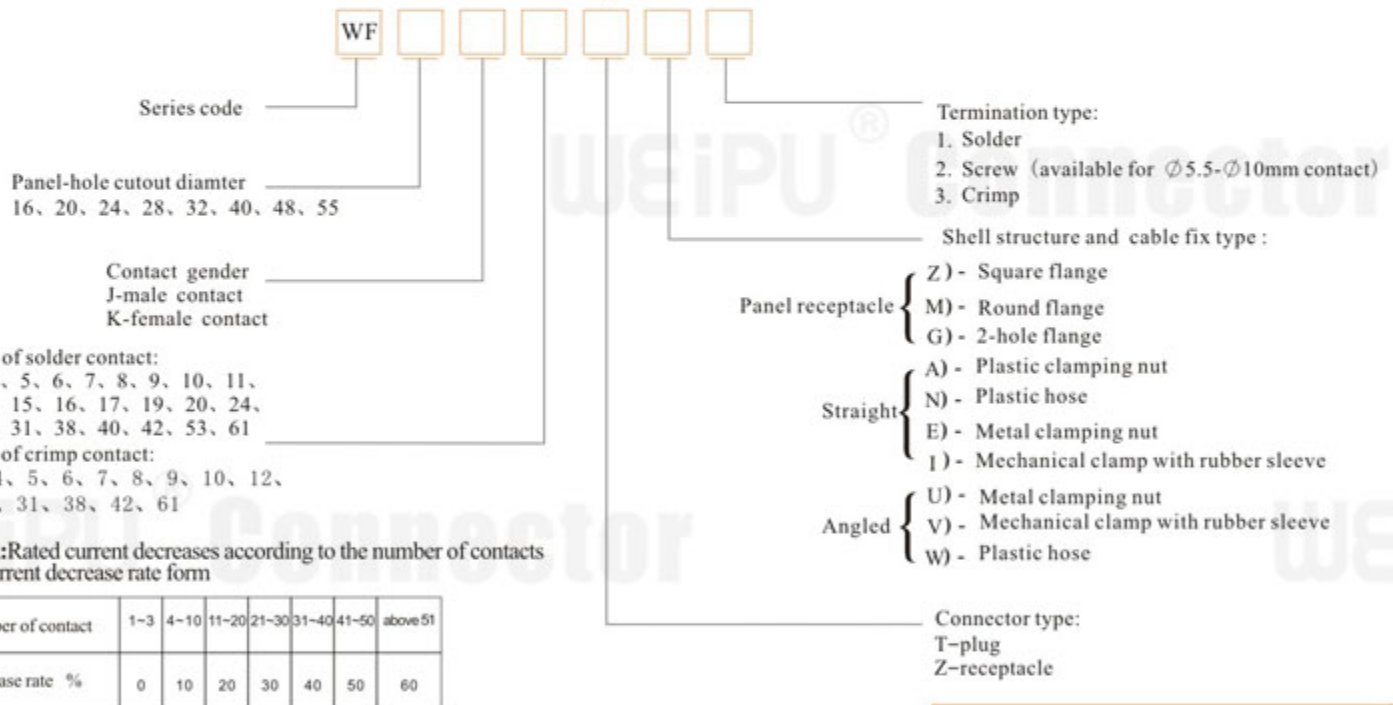


Dimension/mm		WS20	WS24	WS28	WS32	WS40	WS48	WS55
$\varnothing D2$	—	25.6	30	33.8	38.2	46.2	55.8	63
H2	—	60	62	65	82	88	96	107
L2	—	70	88	95	105	130	130	146
Adapter size	—	PG11	PG11	PG16	PG21	PG29	PG29	PG36
Hose size	—	3/8"	3/8"	1/2"	3/4"	1"	1"	1 1/4"



● **WF Series**

Part number system



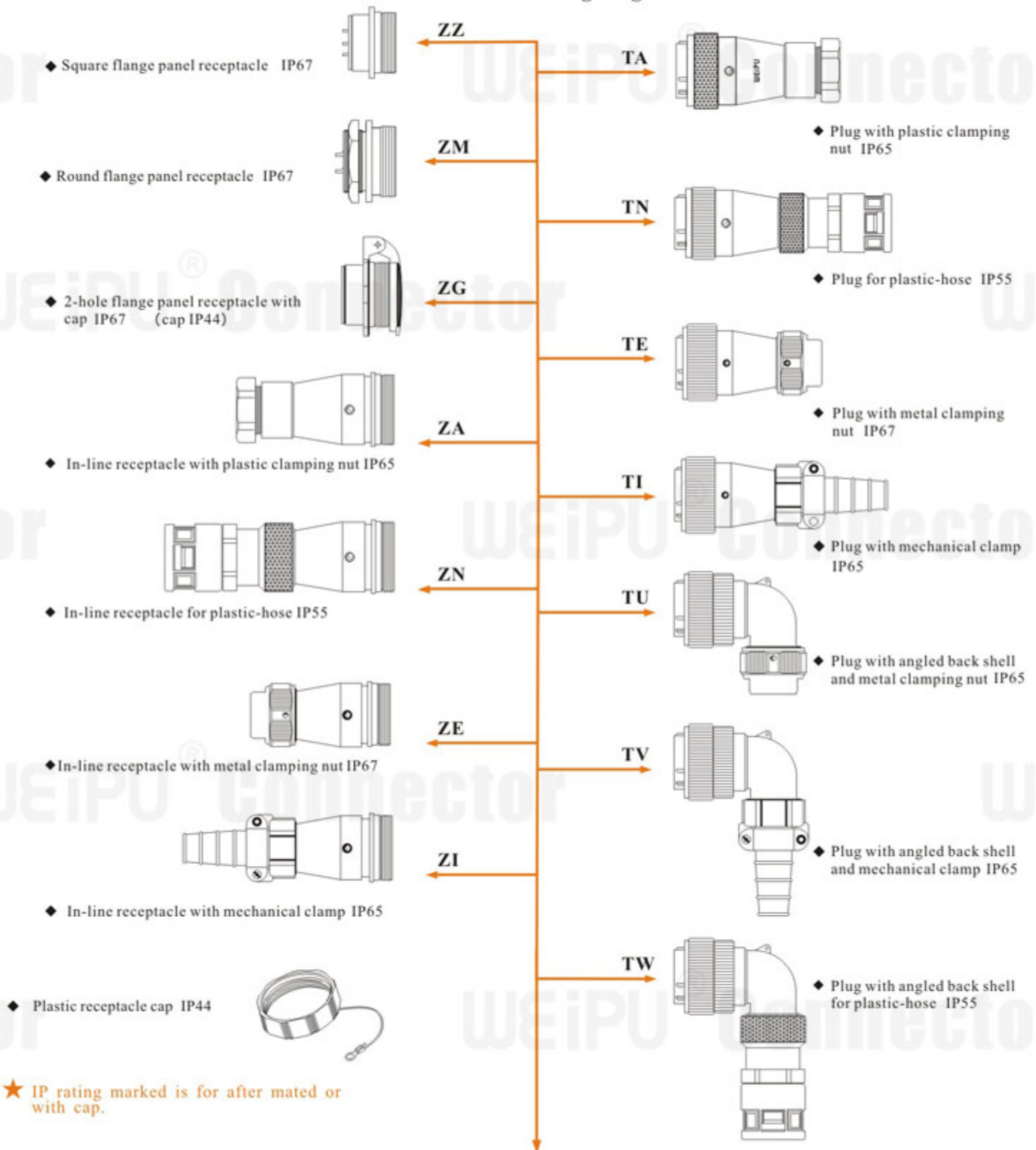
● **Remark:**Rated current decreases according to the number of contacts
 Rated current decrease rate form

Number of contact	1-3	4-10	11-20	21-30	31-40	41-50	above 51
Decrease rate %	0	10	20	30	40	50	60

The plugs and receptacles are available with male contact or female contact

Material and spec

Coupling	Threaded coupling
Shell	Zinc alloy with chrome plating
Insert material	PPS max temperature 260 °C , fire resistance: V-0
Contact material	Brass with gold plating
Termination	$\varnothing 1$ - $\varnothing 3.5$ mm Solder, $\varnothing 5.5$ - $\varnothing 10$ mm screw , crimp
Mating cycle	>500
Temperature range	-40°C ~ +85°C

WF Series Mating diagram


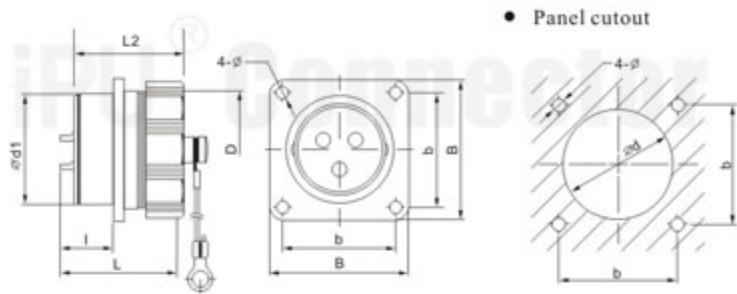
Each side can be male or female contact

★ Solder contact arrangement and spec see P47-P48

★ Crimp contact arrangement and spec see P49-P52



● Square flange panel receptacle : ZZ IP67

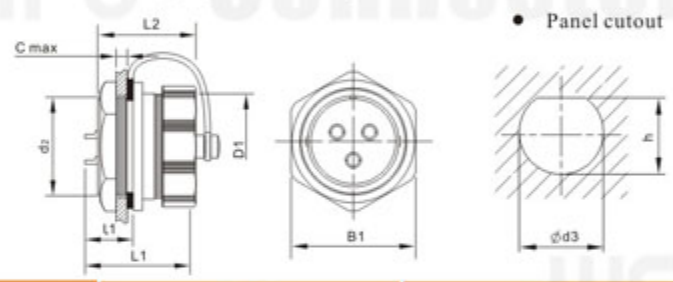


● Panel cutout

★ Solder contact arrangement and spec see P47-P48 ★ Crimp contact arrangement and spec see P49-P52

Dimension mm	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
∅d1	16	20	24	28	32	40	48	55
D	M18X1	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
l	13	14	15	15	18.6	20.5	20.5	20.5
L	26	28	28	28	38.2	39.7	39.7	39.7
b	20	22	26	30	32	40	48	52
B	26	29	32	36	42	50	58	64
∅d	16.5	20.5	24.5	28.5	32.5	40.5	48.5	55.5
∅	3.5	3.5	3.5	3.5	3.5	4.5	4.5	4.5
L2	22	23	23	23	34	34	34	34

● Round flange panel receptacle: ZM IP67

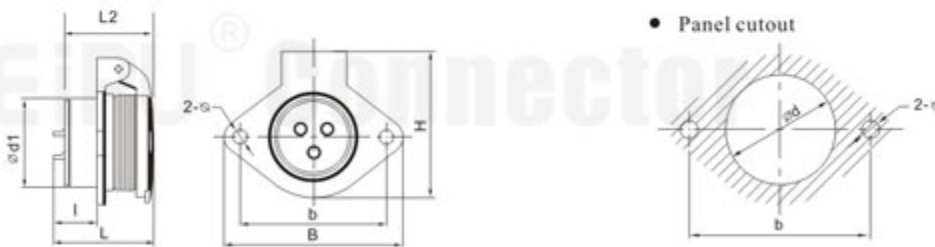


● Panel cutout

Dimension mm	WF16	WF20	WF24	WF28
d2	M16X1	M20X1	M24X1	M28X1
D1	M18X1	M22X1	M26X1	M30X1
C	5	5	5	5
L1	13	14	15	15
L1	26	28	28	28
B1	21	25	29	33
∅d3	16	20	24	28
h	15.4	19.4	23.2	26.9
L2	22	23	23	23



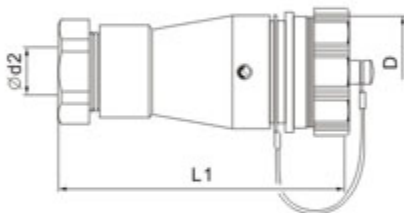
- 2-hole flange panel receptacle with cap : ZG IP67(cap IP44)



★ Solder contact arrangement and spec see P47-P48 ★ Crimp contact arrangement and spec see P49-P52

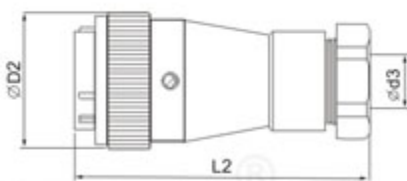
Dimension mm	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
∅d1	16	20	24	28	32	40	48	55
∅d	16.5	20.5	24.5	28.5	32.5	40.5	48.5	55.5
l	13	14	15	15	18.1	20.5	20.5	20.5
L	30	32.3	32.3	32.3	42.2	42.2	42.2	43.2
b	30	35	40	45	55	65	80	85
B	38	44	50	55	67	77	92	98
H	32.5	33.5	40.5	45.5	52.5	63.5	74.5	80
∅	3.5	4.5	4.5	4.5	5.5	5.5	5.5	6.5
L2	22	23	23	23	34	34	34	34

- In-line receptacle with plastic clamping nut: ZA IP65



Dimension mm	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
D	M18X1	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
L1	59	68	69	76	92	109	116	110
∅d2	4.5-7	5-12	5-12	6.5-15.5	8.5-19.5	11.5-24.5	11.5-24.5	15-31

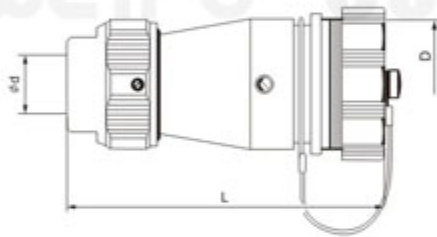
- Plug with plastic clamping nut: TA IP65



Dimension mm	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
∅D2	21	25.6	30	33.8	38.2	46.2	55.8	63
L2	54	65	68	73	90	101	102	107
∅d3	4.5-7	5-12	5-12	6.5-15.5	8.5-19.5	11.5-24.5	11.5-24.5	15-31



- In-line receptacle with metal clamping nut: ZE IP67

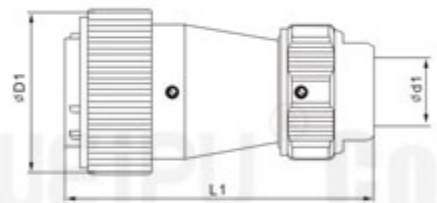


★ Solder contact arrangement and spec see P47-P48

★ Crimp contact arrangement and spec see P49-P52

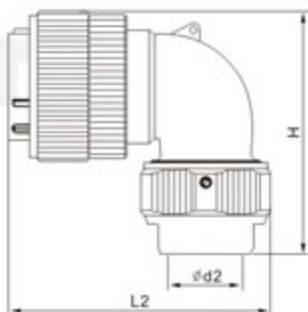
Dimension/mm	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
D	M18X1	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
L	53.6	61	67.6	68.2	90.4	103.6	108	131.6
$\varnothing d$	5-6.5	9-10.5	9-10.5	10.5-12.5	15.5-17	18-20	I:18-20 II:24.5-26	24.5-26

- Plug with metal clamping nut: TE IP67



Dimension/mm	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
$\varnothing D1$	21	25.6	30	33.8	38.2	46.2	55.8	63
L1	52.6	61.3	67.3	67.4	88	102.9	107.7	131.6
$\varnothing d1$	5-6.5	9-10.5	9-10.5	10.5-12.5	15.5-17	18-20	I:18-20 II:24.5-26	24.5-26

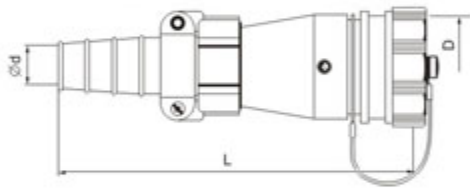
- Plug with angled back shell and metal clamping nut: TU IP65



Dimension/mm	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
H	43.2	50.3	54	56.7	74.6	80	98	105.2
L2	47.5	55	58.3	72	82.5	91.5	98.5	109.2
$\varnothing d2$	5-6.5	9-10.5	9-10.5	10.5-12.5	15.5-17	18-20	18-20	24.5-26



● In-line receptacle with mechanical clamp : ZI IP65

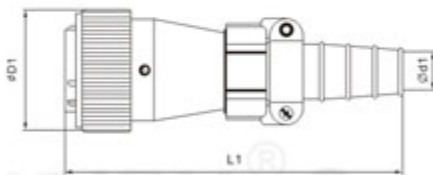


★ Solder contact arrangement and spec see P47-P48

★ Crimp contact arrangement and spec see P49-P52

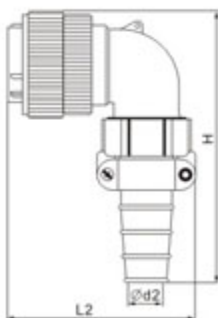
Dimension mm	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
D	M18X1	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
L	73	85.7	92	101	118.6	130.2	137	210.5
ød	7-8	8-10.5	8-10.5	11.5-13.6	13-15.6	15.5-18.8	I:15-18.8 II:24-28	24-28

● Plug with mechanical clamp: TI IP65



Dimension mm	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
øD1	21	25.6	30	33.8	38.2	46.2	55.8	63
L1	72.3	86.9	92.5	100.6	118.3	130.4	137.2	161.1
ød1	7-8	8-10.5	8-10.5	11.5-13.6	13-15.6	15.5-18.8	I:15-18.8 II:24-28	24-28

● Plug with angled back shell and mechanical clamp: TV IP65



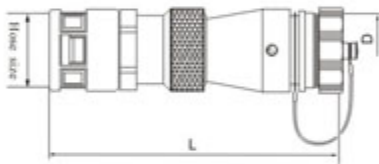
Dimension mm	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
H	60	80	80	93	107	118	127	140
L2	45.5	53	56.3	70	80.5	89.5	98	107.2
ød2	7-8	8-10.5	8-10.5	11.5-13.6	13-15.6	15.5-18.8	15.5-18.8	24-28



● In-line receptacle for plastic-hose: ZN IP55

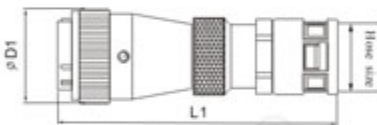
★ Solder contact arrangement and spec see P47-P48

★ Crimp contact arrangement and spec see P49-P52



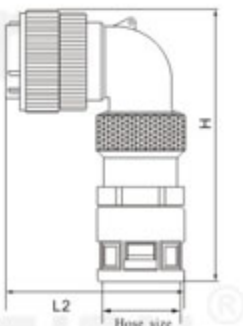
Dimension/mm	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
D	M18X1	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
L	80	90	97	104	126.7	134	141	160
Adapter size	PG7	PG11	PG11	PG16	PG21	PG29	I: PG29 II: PG36	PG36
Hose size	1/4"	3/8"	3/8"	1/2"	3/4"	1"	I: 1" II: 1 1/4"	1 1/4"

● Plug for plastic-hose: TN IP55



Dimension/mm	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
$\varnothing D1$	21	25.6	30	33.8	38.2	46.2	55.8	63
L1	63	75	60	63	120	132	138	150
Adapter size	PG7	PG11	PG11	PG16	PG21	PG29	I: PG29 II: PG36	PG36
Hose size	1/4"	3/8"	3/8"	1/2"	3/4"	1"	I: 1" II: 1 1/4"	1 1/4"

● Plug with right angle back shell for plastic-hose: TW IP55



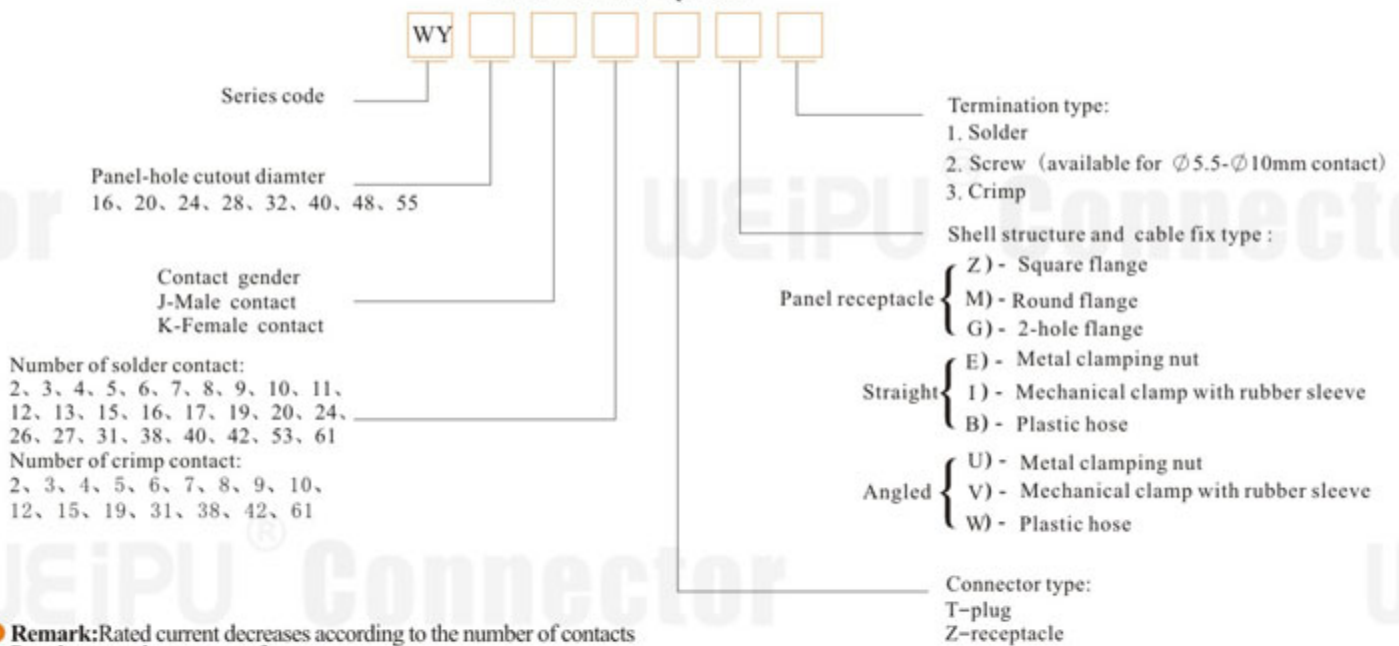
Dimension/mm	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
H	58	78	78	91	105	120	125	132
L2	46.5	54	57.3	71	81.5	90.5	98	108
Adapter size	PG7	PG11	PG11	PG16	PG21	PG29	PG29	PG36
Hose size	1/4"	3/8"	3/8"	1/2"	3/4"	1"	1"	1 1/4"





● **WY Series IP44-IP67**

Part number system



● **Remark:**Rated current decreases according to the number of contacts
Rated current decrease rate form

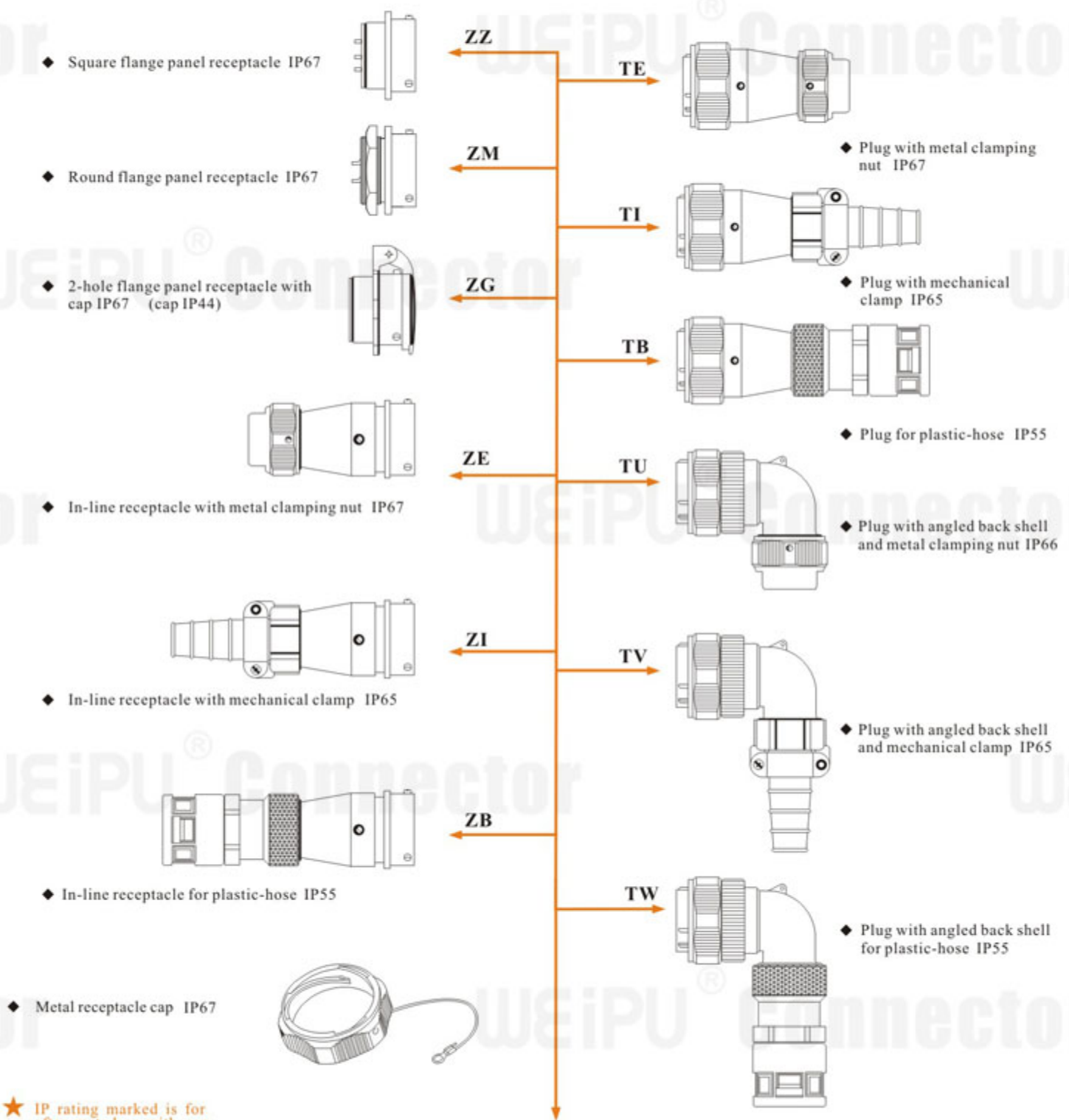
Number of contact	1-3	4-10	11-20	21-30	31-40	41-50	above 51
Decrease rate %	0	10	20	30	40	50	60

The plugs and receptacles are available with male contact or female contact

Material and spec

Coupling	Bayonet
Shell	Zinc alloy with chrome plating
Insert material	PPS Temperature 260°C , fire resistance: V-0
Contact material	Brass with gold plating
Termination	$\varnothing 1$ - $\varnothing 3.5$ mm Solder, $\varnothing 5.5$ - $\varnothing 10$ mm screw, crimp
Mating cycle	>500
Temperature range	-40°C~+85°C

● **WY Series Mating diagram**

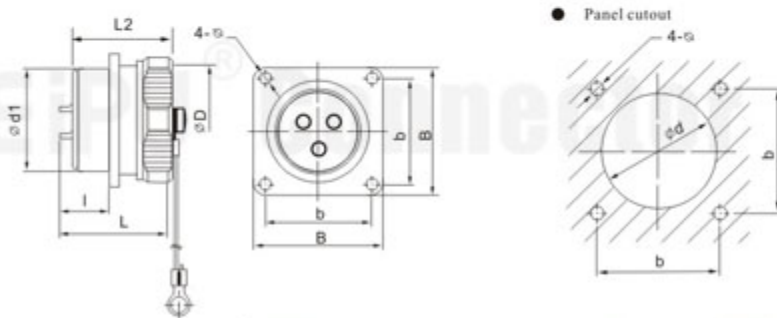


★ IP rating marked is for after mated or with cap.

Each side can be male or female contact
 ★ Solder contact arrangement and spec see P47-P48
 ★ Crimp contact arrangement and spec see P49-P52



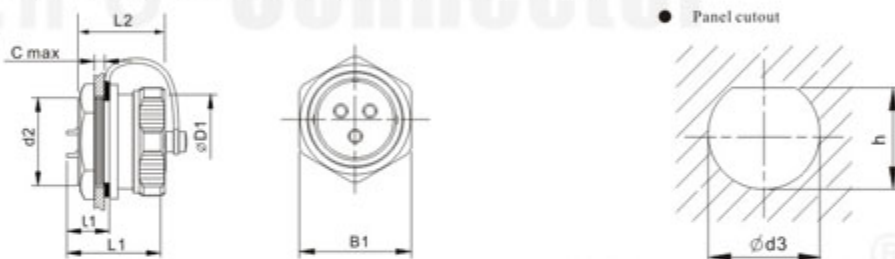
● Square flange panel receptacle : ZZ IP67



★ Solder contact arrangement and spec see P47-P48 ★ Crimp contact arrangement and spec see P49-P52

Dimension(mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
∅d1	16	20	24	28	32	40	48	55
∅D	18	22	26	30	35	44	52	59
I	13	14	15	15	18.6	20.5	20.5	20.5
L	26	28	28	28	38.2	39.7	39.7	39.7
b	20	22	26	30	32	40	48	52
B	26	29	32	36	42	50	58	64
∅d	16.5	20.5	24.5	28.5	32.5	40.5	48.5	55.5
∅	3.5	3.5	3.5	3.5	3.5	4.5	4.5	4.5
L2	22	23	23	23	34	34	34	34

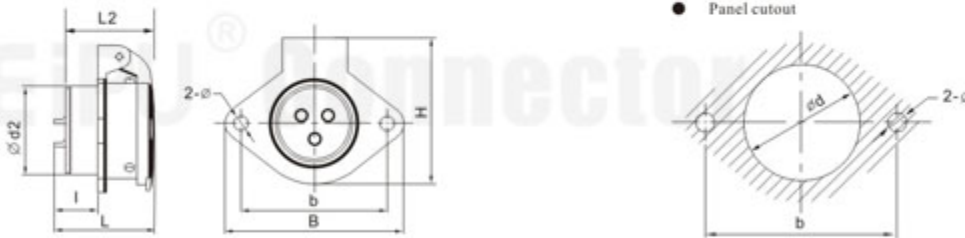
● Round flange panel receptacle : ZM IP67



Dimension(mm)	WY16	WY20	WY24	WY28
d2	M16X1	M20X1	M24X1	M28X1
∅D1	18	22	26	30
C	5	5	5	5
L1	13	14	15	16
L1	26	28	28	28
B1	21	25	29	33
∅d3	16.5	20.5	24.5	28.5
h	15.4	19.4	23.2	26.9
L2	22	23	23	23

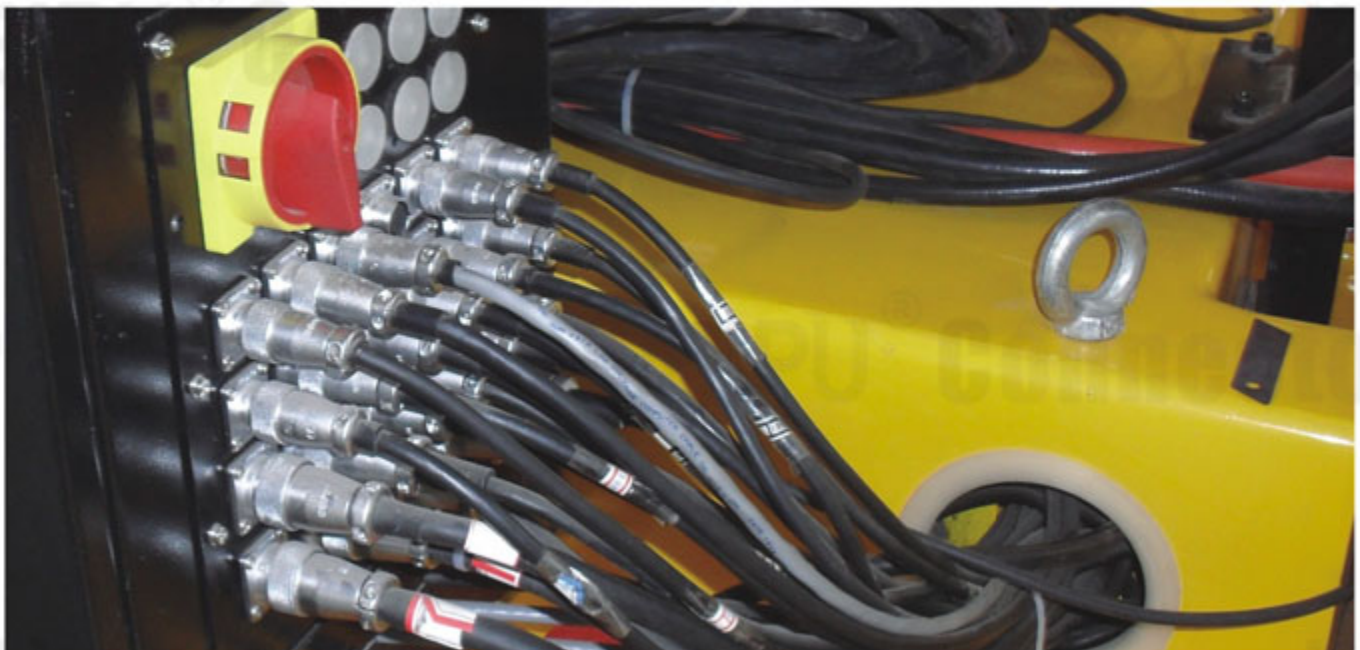


- 2-hole flange panel receptacle with cap : ZG IP67(cap IP44)



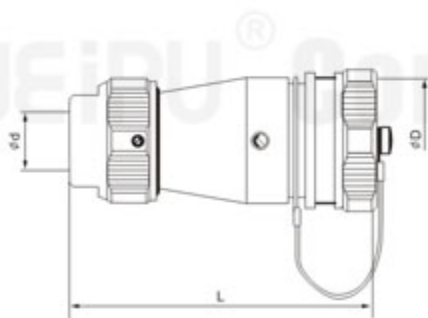
★ Solder contact arrangement and spec see P47-P48 ★ Crimp contact arrangement and spec see P49-P52

Dimension(mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
∅d2	16	20	24	28	32	40	48	55
∅d	16.5	20.5	24.5	28.5	32.5	40.5	48.5	55.5
l	13	14	15	15	18.1	20.5	20.5	20.5
L	30	32.3	32.3	32.3	42.2	42.2	42.2	43.2
b	30	35	40	45	55	65	80	85
B	38	44	50	55	67	77	92	98
H	32.5	33.5	40.5	45.5	52.5	63.5	74.5	80
∅	3.5	4.5	4.5	4.5	5.5	5.5	5.5	6.5
L2	22	23	23	23	34	34	34	34





- In-line receptacle with metal clamping nut : ZE IP67

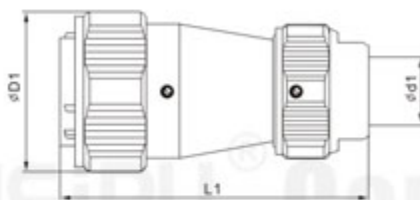


★ Solder contact arrangement and spec see P47-P48

★ Crimp contact arrangement and spec see P49-P52

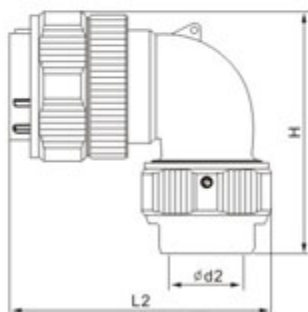
Dimension(mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
$\varnothing D$	18	22	26	30	35	44	52	59
L	53.6	61	67.6	68.2	90.4	103.6	108	131.6
$\varnothing d$	5-6.5	9-10.5	9-10.5	10.5-12.5	15.5-17	18-20	I:18-20 II:24.5-26	24.5-26

- Plug with metal clamping nut : TE IP67



Dimension(mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
$\varnothing D1$	25	30	34	38.5	44.5	54	62	68.5
L1	52.6	61.3	67.3	67.4	88	102.9	107.7	131.1
$\varnothing d1$	5-6.5	9-10.5	9-10.5	10.5-12.5	15.5-17	18-20	I:18-20 II:24.5-26	24.5-26

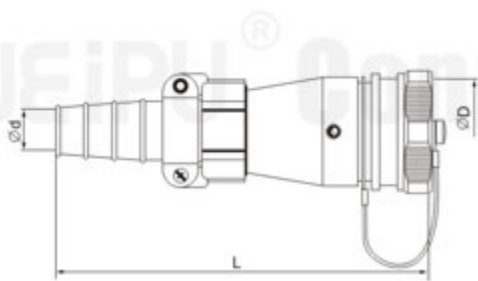
- Plug with angled back shell and metal clamping nut : TU IP66



Dimension(mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
H	43.2	50.3	54	56.7	74.6	80	98	105.2
L2	47.5	55	58.3	72	82.5	91.5	98.5	109.2
$\varnothing d2$	5-6.5	9-10.5	9-10.5	10.5-12.5	15.5-17	18-20	18-20	24.5-26



- In-line receptacle with mechanical clamp : ZI IP65

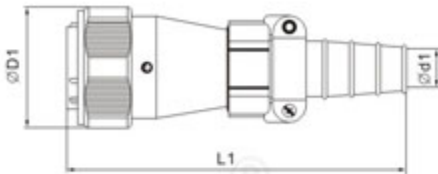


★ Solder contact arrangement and spec see P47-P48

★ Crimp contact arrangement and spec see P49-P52

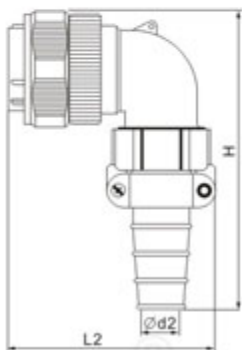
Dimension(mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
$\varnothing D$	18	22	26	30	35	44	52	59
L	73	85.7	92	101	118.6	130.2	137	210.5
$\varnothing d$	7-8	9-10.5	9-10.5	11.5-13.6	13-15.6	15.5-18.8	I:15-18.8 II:24-28	24-28

- Plug with mechanical clamp : TI IP65



Dimension(mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
$\varnothing D1$	25	30	34	38.5	44.5	54	62	68.5
L1	72.3	86.9	92.5	100.6	118.3	130.4	137.2	161.1
$\varnothing d1$	7-8	9-10.5	9-10.5	11.5-13.6	13-15.6	15.5-18.8	I:15-18.8 II:24-28	24-28

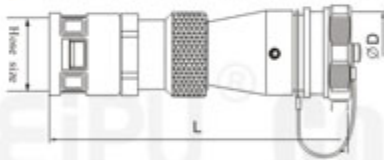
- Plug with angled back shell and mechanical clamp : TV IP65



Dimension(mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
H	60	80	80	93	107	118	127	140
L2	45.5	53	56.3	70	80.5	89.5	98	107.2
$\varnothing d2$	7-8	9-10.5	9-10.5	11.5-13.6	13-15.6	15.5-18.8	15.5-18.8	24-28



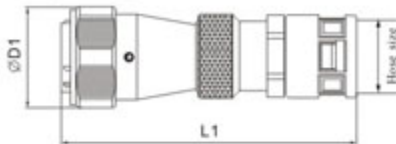
● In-line receptacle for plastic-hose: ZB IP55



★ Solder contact arrangement and spec see P47-P48 ★ Crimp contact arrangement and spec see P49-P52

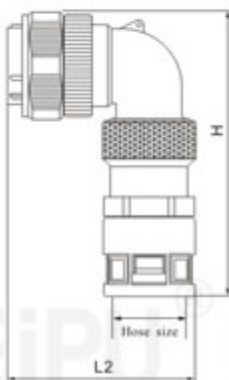
Dimension(mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
Ø D	18	22	26	30	35	44	52	59
L	78	89.3	95.7	102.3	122.9	133.4	138.8	155
Adapter size	PG7	PG11	PG11	PG16	PG21	PG29	I: PG29 II: PG36	PG36
Hose size	1/4"	3/8"	3/8"	1/2"	3/4"	1"	I: 1" II: 1 1/4"	1 1/4"

● Plug for plastic-hose: TB IP55



Dimension(mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
ØD1	25	30	34	38.5	44.5	54	62	68.5
L1	76.7	90.1	94.6	101.7	119.5	133.4	140	157
Adapter size	PG7	PG11	PG11	PG16	PG21	PG29	I: PG29 II: PG36	PG36
Hose size	1/4"	3/8"	3/8"	1/2"	3/4"	1"	I: 1" II: 1 1/4"	1 1/4"

● Plug with angled back shell for plastic-hose : TW IP55

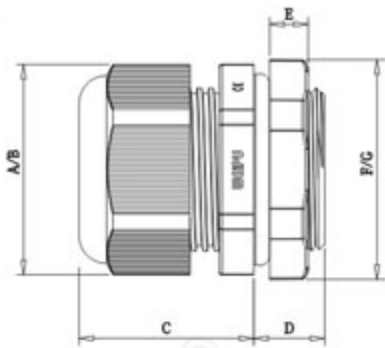


Dimension(mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
H	58	78	78	91	105	120	125	132
L2	46.5	54	57.3	71	81.5	90.5	98	108
Adapter size	PG7	PG11	PG11	PG16	PG21	PG29	PG29	PG36
Hose size	1/4"	3/8"	3/8"	1/2"	3/4"	1"	1"	1 1/4"





● Cable gland



Material: Nylon 66
 Seal: NBR
 IP rating: IP68
 Temperature: -20°C - +80°C
 Fire resistance: V-2
 Color: Grey(standard)
 Black(special order)

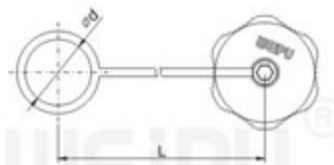
PG	A Diagonal distance	B Parallel plane distance	C Max	D Length	E Thickness	F Diagonal distance	G Parallel plane distance	φ Cable outer diameter	Panel cutout	p/n Grey	p/n Black
7	16.5	15.5	19.2	8	5	21	19	3-6.5	13	PA807G	PA807B
9	21	19.5	21.6	8	5	24	22	4-8	15.7	PA809G	PA809B
11	24.7	22.7	24.7	8	5	27	24.6	5-10	19	PA811G	PA811B
13.5	26.5	24	26.6	9	6	30	26.9	6-12	20.5	PA813G	PA813B
16	30	27.3	28.8	9.8	6.5	33	30.2	10-14	22.5	PA816G	PA816B
21	36.5	19	28.8	12.1	6.7	38.4	35.8	13-18	28	PA821G	PA821B
29	47.3	33	31.3	11	7.3	50.5	46.2	18-25	37.2	PA829G	PA829B
36	59.2	53.2	50	12.8	7.7	65	59	22-32	47.8	PA836G	PA836B

● PVC cable protection sleeve



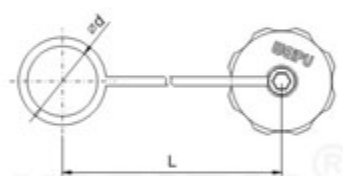
Dimension(mm)	WS16	WS20	WS24	WS28	WS32	WS40	WS48	WS55
D	11.5	16.5	16.5	19	25	30	30	36
L	30	38	38	38	51	53	53	59
d Max	6	6	6	7	13	17.8	17.8	23

● Metal receptacle cap for WY IP67



Dimension(mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
a	13.5	14.5	14.5	14.5	17	17	17	17
øb	20	29.5	34	38.5	44	54	62	68.5
ød	16	20	24	28	32	40	48	55
L	55	60	65	70	90	100	110	120

● Plastic receptacle cap for WS and WF IP44



Dimension(mm)	WS / WF16	WS / WF20	WS / WF24	WS / WF28	WS / WF32	WS / WF40	WS / WF48	WS / WF55
a	14	14.5	14.5	14.5	20	20	20	20
øb	21	26	29.5	34	39	48	55.5	62.5
ød	16	20	24	28	32	40	48	55
L	55	60	65	70	90	100	110	120

★ Solder contact arrangement and spec for WS, WF, WY series

WS16、WF16、WY16	2	3	4	5	7	9	10
Male contact face view							
Rated current (A)	10A	10A	5A	5A	5A	5A	5A
Contact diameter	∅1.5X2	∅1.5X3	∅1X4	∅1X5	∅1X7	∅1X9	∅1X10
Rated voltage (AC.V)	500V	500V	500V	500V	400V	400V	400V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1500V	1200V	1200V	1200V
Contact resistance mΩ	2.5	2.5	5	5	5	5	5
Insulation resistance MΩ	2000	2000	2000	2000	2000	2000	2000
Wire size mm ² /AWG	≤2/14	≤2/14	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18

WS20、WF20、WY20	2	3	4	5	6	7	9	12
Male contact face view								
Rated current (A)	25A	25A	25A	10A	5A、30A	10A	5A	5A
Contact diameter	∅2.5X2	∅2.5X3	∅2.5X4	∅1.5X5	∅1X4、∅3X2	∅1.5X7	∅1X9	∅1X12
Rated voltage (AC.V)	500V	500V	500V	500V	500V	500V	500V	400V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1200V
Contact resistance mΩ	1	1	1	2.5	5、1	2.5	5	5
Insulation resistance MΩ	2000	2000	2000	2000	2000	2000	2000	2000
Wire size mm ² /AWG	≤2.5/13	≤2.5/13	≤2.5/13	≤2/14	≤0.785/18 ≤4.17/11	≤2/14	≤0.785/18	≤0.785/18

WS24、WF24、WY24	2	3	4	9	10	12	19
Male contact face view							
Rated current (A)	25A	25A	25A	5A、25A	10A	10A	5A
Contact diameter	∅2.5X2	∅2.5X3	∅2.5X4	∅1X5、∅2.5X4	∅1.5X10	∅1.5X12	∅1X19
Rated voltage (AC.V)	500V	500V	500V	500V	500V	500V	500V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1500V	1500V	1500V	1500V
Contact resistance mΩ	1	1	1	5、1	2.5	2.5	5
Insulation resistance MΩ	2000	2000	2000	2000	2000	2000	2000
Wire size mm ² /AWG	≤2.5/13	≤2.5/13	≤2.5/13	≤0.785/18 ≤2.5/13	≤2/14	≤2/14	≤0.785/18

WS28、WF28、WY28	2	3	4	7	12	16	17	20	24	26
Male contact face view										
Rated current (A)	25A	50A	25A	25A	10A	10A	10A	5A	5A	5A
Contact diameter	∅2.5X2	∅3.5X3	∅2.5X4	∅2.5X7	∅1.5X12	∅1.5X16	∅1.5X17	∅1X20	∅1X24	∅1X26
Rated voltage (AC.V)	500V	500V	500V	500V	500V	500V	500V	400V	400V	400V
Test voltage(AC.V) 1 min	2000V	1500V	1500V	1500V	1500V	1500V	1500V	1200V	1200V	1200V
Contact resistance mΩ	1	0.5	1	1	2.5	2.5	2.5	5	5	5
Insulation resistance MΩ	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Wire size mm ² /AWG	≤2.5/13	≤6/9	≤2.5/13	≤2.5/13	≤2/14	≤2/14	≤2/14	≤0.785/18	≤0.785/18	≤0.785/18

★ Solder contact arrangement and spec for WS, WF, WY series

WS32、WF32、WY32	4	6	8	10	10B	11	12	13	19
Male contact face view									
Rated current (A)	50A	10A、25A	10A、25A	10A、25A	25A	25A	25A	10A、25A	10A
Contact diameter	∅ 3.5X4	∅ 1.5X2 ∅ 3.5X4	∅ 1.5X5 ∅ 3.5X3	∅ 1.5X5 ∅ 2.5X5	∅ 2.5X10	∅ 2.5X11	∅ 2.5X12	∅ 1.5X9 ∅ 2.5X4	∅ 1.5X19
Rated voltage (AC.V)	500V	500V	500V	500V	500V	500V	500V	500V	500V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1500V
Contact resistance _{mΩ}	0.5	2.5、0.5	2.5、0.5	2.5、1	1	1	1	2.5、1	2.5
Insulation resistance MΩ	2000	2000	2000	2000	2000	2000	2000	2000	2000
Wire size mm ² /AWG	≤6/9	≤2/14 ≤2.5/13	≤2/14 ≤2.5/13	≤2/14 ≤2.5/13	≤2.5/13	≤2.5/13	≤2.5/13	≤2/14 ≤2.5/13	≤2/14






WS40、WF40、WY40	5	9	15	26	31
Male contact face view					
Rated current (A)	50A	25A、50A	10A	10A、25A	10A
Contact diameter	∅ 3.5X5	∅ 2.5X5 ∅ 3.5X4	∅ 1.5X15	∅ 1.5X22 ∅ 2.5X4	∅ 1.5X31
Rated voltage (AC.V)	500V	500V	500V	500V	500V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1500V	1500V
Contact resistance _{mΩ}	0.5	1、0.5	2.5	2.5、1	2.5
Insulation resistance MΩ	2000	2000	2000	2000	2000
Wire size mm ² /AWG	≤6/9	≤2.5/13 ≤6/9	≤2/14	≤2/14 ≤2.5/13	≤2/14





WS48、WF48、WY48	5	7	20	27	38	42
Male contact face view						
Rated current (A)	100A	50A	25A	10A、25A	10A、25A	10A
Contact diameter	∅ 5.5X5	∅ 3.5X7	∅ 2.5X20	∅ 1.5X26 ∅ 2.5X1	∅ 1.5X33 ∅ 2.5X5	∅ 1.5X42
Rated voltage (AC.V)	500V	500V	500V	500V	500V	500V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1500V	1500V	1500V
Contact resistance _{mΩ}	0.3	0.5	1	2.5、1	2.5、1	2.5
Insulation resistance MΩ	2000	2000	2000	2000	2000	2000
Wire size mm ² /AWG	≤16/5	≤6/9	≤2.5/13	≤2/14 ≤2.5/13	≤2/14 ≤2.5/13	≤2/14

WS55、WF55、WY55	4	7	40	53	61
Male contact face view					
Rated current (A)	50A、200A	50A、100A	10A、25A	10A、25A	10A
Contact diameter	∅ 3.5X1 ∅ 10X3	∅ 3.5X1 ∅ 5.5X6	∅ 1.5X25 ∅ 2.5X15	∅ 1.5X48 ∅ 2.5X5	∅ 1.5X61
Rated voltage (AC.V)	500V	500V	500V	500V	500V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1500V	1500V
Contact resistance _{mΩ}	0.5、0.2	0.5、0.3	2.5、1	2.5、1	2.5
Insulation resistance MΩ	2000	2000	2000	2000	2000
Wire size mm ² /AWG	≤6/9 ≤35/2	≤6/9 ≤16/5	≤2/14 ≤2.5/13	≤2/14 ≤2.5/13	≤2/14

★ Crimp contact arrangement and spec for WS, WF, WY, WP, SP, SY series

WS16, WF16, WY16 SP17, SY17	2	3	4
Male contact face view			
Rated current (A)	10A	10A	5A
Contact diameter	∅1.5X2	∅1.5X3	∅1X4
Rated voltage (AC.V)	500V	500V	500V
Test voltage(AC.V) 1 min	1500V	1500V	1500V
Contact resistance mΩ	2.5	2.5	5
Insulation resistanceMΩ	2000	2000	2000

WS20, WF20, WY20, WP20 SP21, SY21	2	3	5	7	8
Male contact face view					
Rated current (A)	25A	25A	10A	10A	5A
Contact diameter	∅2.5X2	∅2.5X3	∅1.5X5	∅1.5X7	∅1X8
Rated voltage (AC.V)	500V	500V	500V	500V	500V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1500V	1500V
Contact resistance mΩ	1	1	2.5	2.5	5
Insulation resistanceMΩ	2000	2000	2000	2000	2000

WS24, WF24, WY24	4	5	9	12
Male contact face view				
Rated current (A)	25A	25A	10A	5A
Contact diameter	∅2.5X4	∅2.5X5	∅1.5X9	∅1X12
Rated voltage (AC.V)	500V	500V	500V	500V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1500V
Contact resistance mΩ	1	1	2.5	5
Insulation resistanceMΩ	2000	2000	2000	2000

WS28, WF28, WY28	7	12	15	19
Male contact face view				
Rated current (A)	25A	10A	5A	5A
Contact diameter	∅2.5X7	∅1.5X12	∅1X15	∅1X19
Rated voltage (AC.V)	500V	500V	400V	400V
Test voltage(AC.V) 1 min	1500V	1500V	1200V	1200V
Contact resistance mΩ	1	2.5	5	5
Insulation resistanceMΩ	2000	2000	2000	2000

★ Crimp contact arrangement and spec for WS,WF,WY series

WS32、WF32、WY32	4	6	10	15	19
Male contact face view					
Rated current (A)	50A	50A、10A	25A	10A	10A
Contact diameter	∅ 3.5X4	∅ 3.5X4 ∅ 1.5X 2	∅ 2.5X10	∅ 1.5X15	∅ 1.5X19
Rated voltage (AC.V)	500V	500V	500V	500V	500V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1500V	1500V
Contact resistance $m\Omega$	2.5	2.5	5	5	5
Insulation resistance $M\Omega$	2000	2000	2000	2000	2000

WS40、WF40、WY40	5	19	31
Male contact face view			
Rated current (A)	50A	25A	10A
Contact diameter	∅ 3.5X5	∅ 2.5X19	∅ 1.5X31
Rated voltage (AC.V)	500V	500V	500V
Test voltage(AC.V) 1 min	1500V	1500V	1500V
Contact resistance $m\Omega$	1	1	2.5
Insulation resistance $M\Omega$	2000	2000	2000

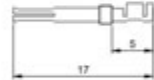
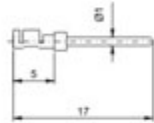
WS48、WF48、WY48	31	42
Male contact face view		
Rated current (A)	25A	10A
Contact diameter	∅ 2.5X31	∅ 1.5X42
Rated voltage (AC.V)	500V	500V
Test voltage(AC.V) 1 min	1500V	1500V
Contact resistance $m\Omega$	1	2.5
Insulation resistance $M\Omega$	2000	2000

WS55、WF55、WY55	38	61
Male contact face view		
Rated current (A)	25A	10A
Contact diameter	∅ 2.5X38	∅ 1.5X61
Rated voltage (AC.V)	500V	500V
Test voltage(AC.V) 1 min	1500V	1500V
Contact resistance $m\Omega$	1	2.5
Insulation resistance $M\Omega$	2000	2000

5A Crimp contact

Technical data

- Stamped contact
- Contact diameter: $\varnothing 1$
- Material: Brass with gold plating
- Contact resistance: $5m\Omega$



5A Male crimp contact

For SP,SY,WP,WS/WF/WY16-28

Wire size	Strip length	Male contact p/n	Crimp tool p/n	Removal tool p/n
0.20-0.52mm ² AWG 24-20	5.5mm	YJ1-17-0.52AU	CT-P20/28	RT-1.0

5A Female crimp contact

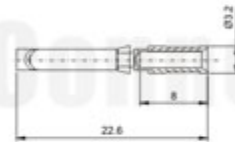
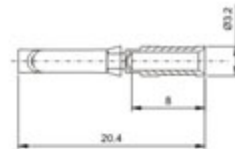
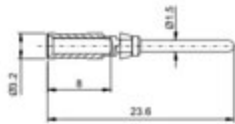
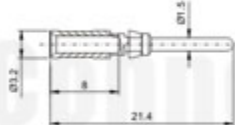
For SP,SY,WP,WS/WF/WY16-28

Wire size	Strip length	Female contact p/n	Crimp tool p/n	Removal tool p/n
0.20-0.52mm ² AWG 24-20	5.5mm	YK-17-0.52AU	CT-P20/28	RT-1.0

10A Crimp contact

Technical data

- Machined contact
- Contact diameter: $\varnothing 1.5$
- Material: Brass with gold plating
- Contact resistance: $2.5m\Omega$



10A Male crimp contact

For SP,SY,WP,WS/WF/WY16-28

Wire size	Strip length	Male contact p/n	Crimp tool p/n	Removal tool p/n
0.14-0.37mm ² AWG 26-22	8mm	YJ1.5-21.4-0.37AU	CT-0.14/4	RT-1.5
0.5mm ² AWG 20	8mm	YJ1.5-21.4-0.5AU	CT-0.14/4	RT-1.5
0.75-1.0mm ² AWG 18	8mm	YJ1.5-21.4-1.0AU	CT-0.14/4	RT-1.5
1.5mm ² AWG 16	8mm	YJ1.5-21.4-1.5AU	CT-0.14/4	RT-1.5
2.5mm ² AWG 14	8mm	YJ1.5-21.4-2.5AU	CT-0.14/4	RT-1.5

10A Male crimp contact

For WS/WF/WY32-55

Wire size	Strip length	Male contact p/n	Crimp tool p/n	Removal tool p/n
0.14-0.37mm ² AWG 26-22	8mm	YJ1.5-23.6-0.37AU	CT-0.14/4	RT-1.5
0.5mm ² AWG 20	8mm	YJ1.5-23.6-0.5AU	CT-0.14/4	RT-1.5
0.75-1.0mm ² AWG 18	8mm	YJ1.5-23.6-1.0AU	CT-0.14/4	RT-1.5
1.5mm ² AWG 16	8mm	YJ1.5-23.6-1.5AU	CT-0.14/4	RT-1.5
2.5mm ² AWG 14	8mm	YJ1.5-23.6-2.5AU	CT-0.14/4	RT-1.5

10A Female crimp contact

For SP,SY,WP,WS/WF/WY16-28

Wire size	Strip length	Female contact p/n	Crimp tool p/n	Removal tool p/n
0.14-0.37mm ² AWG 26-22	8mm	YK1.5-20.4-0.37AU	CT-0.14/4	RT-1.5
0.5mm ² AWG 20	8mm	YK1.5-20.4-0.5AU	CT-0.14/4	RT-1.5
0.75-1.0mm ² AWG 18	8mm	YK1.5-20.4-1.0AU	CT-0.14/4	RT-1.5
1.5mm ² AWG 16	8mm	YK1.5-20.4-1.5AU	CT-0.14/4	RT-1.5
2.5mm ² AWG 14	8mm	YK1.5-20.4-2.5AU	CT-0.14/4	RT-1.5

10A Female crimp contact

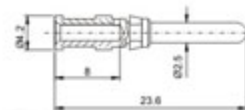
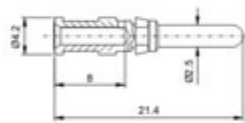
For WS/WF/WY32-55

Wire size	Strip length	Female contact p/n	Crimp tool p/n	Removal tool p/n
0.14-0.37mm ² AWG 26-22	8mm	YK1.5-22.6-0.37AU	CT-0.14/4	RT-1.5
0.5mm ² AWG 20	8mm	YK1.5-22.6-0.5AU	CT-0.14/4	RT-1.5
0.75-1.0mm ² AWG 18	8mm	YK1.5-22.6-1.0AU	CT-0.14/4	RT-1.5
1.5mm ² AWG 16	8mm	YK1.5-22.6-1.5AU	CT-0.14/4	RT-1.5
2.5mm ² AWG 14	8mm	YK1.5-22.6-2.5AU	CT-0.14/4	RT-1.5

25A Crimp contact

Technical data

- Machined contact
- Contact diameter: $\varnothing 2.5$
- Material: Brass with gold plating
- Contact resistance: $1m\Omega$



25A Male crimp contact

For SP,SY,WP,WS/WF/WY16-28

Wire size	Strip length	Male contact p/n	Crimp tool p/n	Removal tool p/n
0.75-1.0mm ² AWG 18	8mm	YJ2.5-21.4-1.0AU	CT-0.14/4	RT-2.5
1.5mm ² AWG 16	8mm	YJ2.5-21.4-1.5AU	CT-0.14/4	RT-2.5
2.5mm ² AWG 14	8mm	YJ2.5-21.4-2.5AU	CT-0.14/4	RT-2.5
4.0mm ² AWG 12	8mm	YJ2.5-21.4-4.0AU	CT-0.14/4 CT-4/10	RT-2.5

25A Male crimp contact

For WS/WF/WY32-55

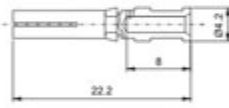
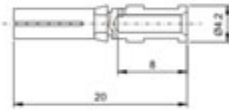
Wire size	Strip length	Male contact p/n	Crimp tool p/n	Removal tool p/n
0.75-1.0mm ² AWG 18	8mm	YJ2.5-23.6-1.0AU	CT-0.14/4	RT-2.5
1.5mm ² AWG 16	8mm	YJ2.5-23.6-1.5AU	CT-0.14/4	RT-2.5
2.5mm ² AWG 14	8mm	YJ2.5-23.6-2.5AU	CT-0.14/4	RT-2.5
4.0mm ² AWG 12	8mm	YJ2.5-23.6-4.0AU	CT-0.14/4 CT-4/10	RT-2.5

★ Crimp contact spec and tools

25A Crimp contact

Technical data

- Machined contact
- Contact diameter: $\varnothing 2.5$
- Material: Brass with gold plating
- Contact resistance: $1\text{m}\Omega$



25A Female crimp contact

For SP,SY,WP,WS/WF/WY16-28

Wire size	Strip length	Female contact p/n	Crimp tool p/n	Removal tool p/n
0.75-1.0mm ² AWG 18	8mm	YK2.5-20-1.0AU	CT-0.14/4	RT-2.5
1.5mm ² AWG 16	8mm	YK2.5-20-1.5AU	CT-0.14/4	RT-2.5
2.5mm ² AWG 14	8mm	YK2.5-20-2.5AU	CT-0.14/4	RT-2.5
4.0mm ² AWG 12	8mm	YK2.5-20-4.0AU	CT-0.14/4 CT-4/10	RT-2.5

25A Female crimp contact

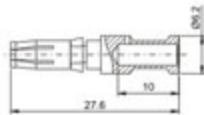
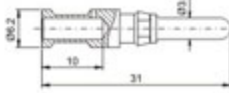
For WS/WF/WY32-55

Wire size	Strip length	Female contact p/n	Crimp tool p/n	Removal tool p/n
0.75-1.0mm ² AWG 18	8mm	YK2.5-22.2-1.0AU	CT-0.14/4	RT-2.5
1.5mm ² AWG 16	8mm	YK2.5-22.2-1.5AU	CT-0.14/4	RT-2.5
2.5mm ² AWG 14	8mm	YK2.5-22.2-2.5AU	CT-0.14/4	RT-2.5
4.0mm ² AWG 12	8mm	YK2.5-22.2-4.0AU	CT-0.14/4 CT-4/10	RT-2.5

50A Crimp contact

Technical data

- Machined contact
- Contact diameter: $\varnothing 3.5$
- Material: Brass with gold plating
- Contact resistance: $0.5\text{m}\Omega$



50A Male crimp contact

For WS/WF/WY32-55

Wire size	Strip length	Male contact p/n	Crimp tool p/n	Removal tool p/n
1.5mm ² AWG 16	10mm	YJ3.5-31-1.5AU	CT-0.14/4	RT-3.5
2.5mm ² AWG 14	10mm	YJ3.5-31-2.5AU	CT-0.14/4	RT-3.5
4.0mm ² AWG 12	10mm	YJ3.5-31-4.0AU	CT-0.14/4 CT-4/10	RT-3.5
6.0mm ² AWG 10	10mm	YJ3.5-31-6.0AU	CT-4/10	RT-3.5
10.0mm ² AWG 7	10mm	YJ3.5-31-10.0AU	CT-4/10	RT-3.5

50A Female crimp contact

For WS/WF/WY32-55

Wire size	Strip length	Female contact p/n	Crimp tool p/n	Removal tool p/n
1.5mm ² AWG 16	10mm	YK3.5-27.6-1.5AU	CT-0.14/4	RT-3.5
2.5mm ² AWG 14	10mm	YK3.5-27.6-2.5AU	CT-0.14/4	RT-3.5
4.0mm ² AWG 12	10mm	YK3.5-27.6-4.0AU	CT-0.14/4 CT-4/10	RT-3.5
6.0mm ² AWG 10	10mm	YK3.5-27.6-6.0AU	CT-4/10	RT-3.5
10.0mm ² AWG 7	10mm	YK3.5-27.6-10.0AU	CT-4/10	RT-3.5

★ Crimp tool and removal tool

Crimp tool

For crimping the male / female contacts

Turn the button clockwise to release



Part number	Crimping wire range
CT-P20/28	0.08-0.52mm ²
CT-0.14/4	0.14-4.0mm ²
CT-4/10	4.0-10.0mm ²

Removal tool

For taking out male / female contacts



RT-1.0

RT-1.5

RT-2.5

RT-3.5

Part number	Removing crimp contact
RT-1.0	5A male/female crimp contact
RT-1.5	10A male/female crimp contact
RT-2.5	25A male/female crimp contact
RT-3.5	50A male/female crimp contact



WEIPU® Connector





CEE Industrial connectors

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