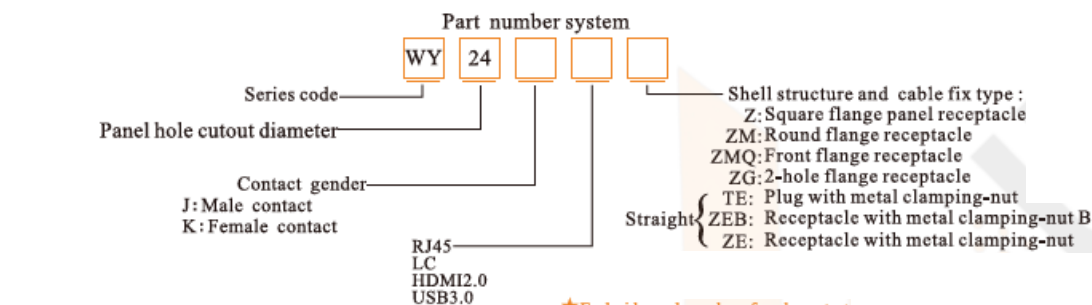
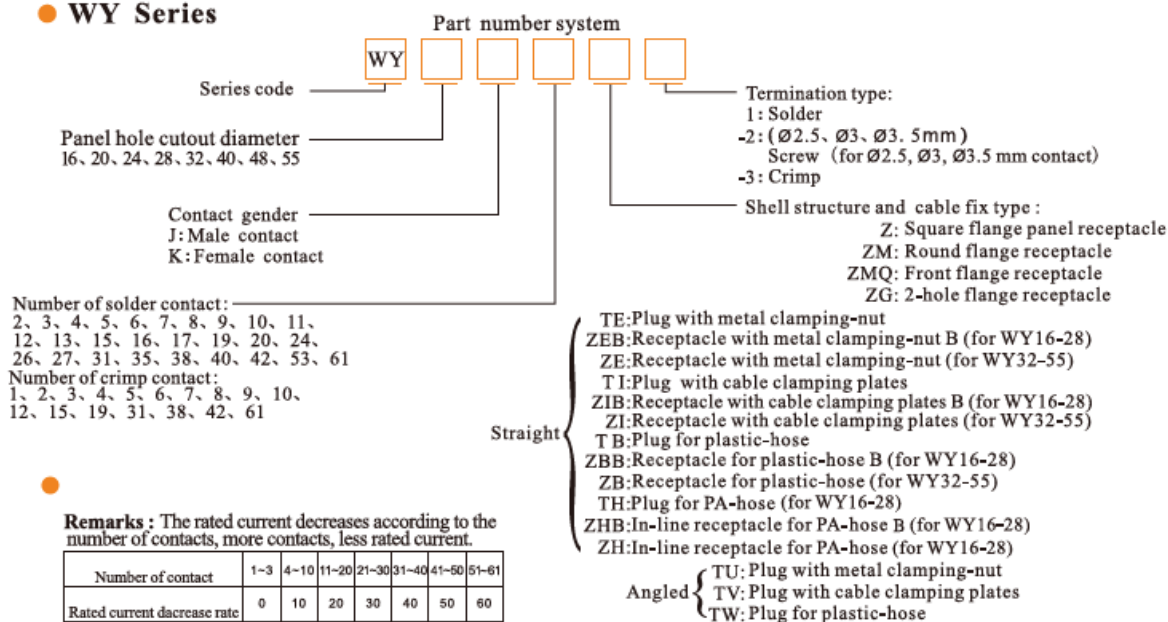




WY Series

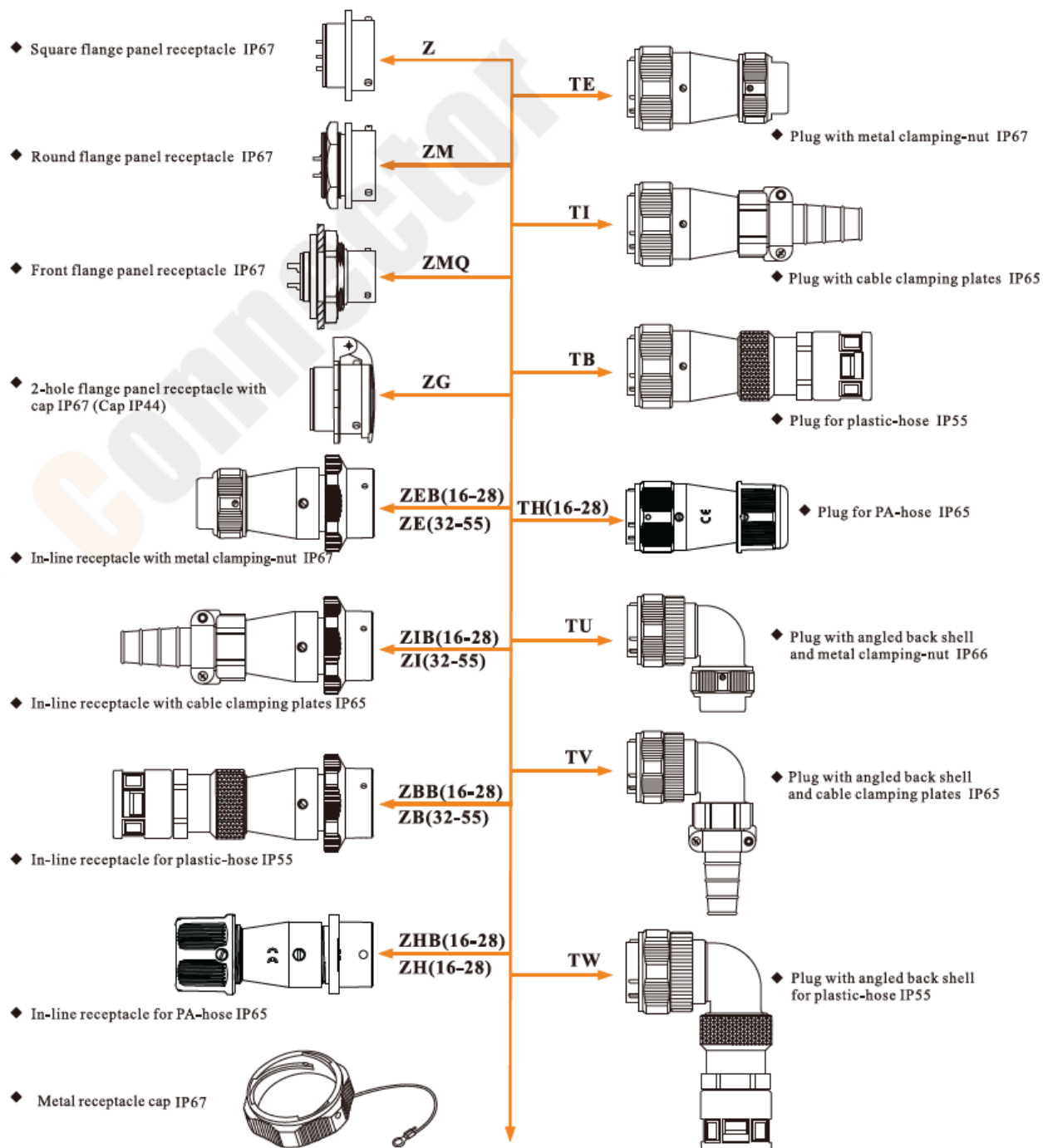


17

Material and spec

Coupling	Bayonet
Shell material	Zinc alloy with chrome plating
Insert material	PPS, max temperature 260 °C
Contact material	Brass with gold plating
Termination	Solder: Ø0.7, Ø1, Ø1.5, Ø1.6, Ø2.5, Ø3.5, Ø5.5mm; Screw: Ø2.5, Ø3, Ø3.5mm; Crimp: Ø1, Ø1.5, Ø2.5, Ø3.5, Ø5.5, Ø10mm
Mating cycle	500
Temperature range	-40°C ~ +85°C ; -20°C ~ +70°C

WY Series Mating diagram



★ IP rating marked is for after mated or with cap. ★ Each side can be male or female contact

**WY
12**

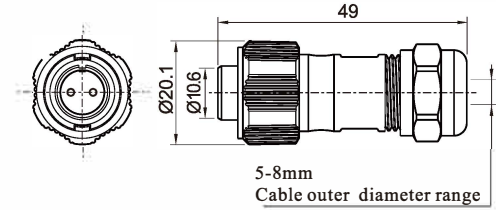


Cable connector
Mate with WY12-Z, WY12-ZM,
WY12-ZMQ, WY12-ZE

WY12J_TE WY12K_TE

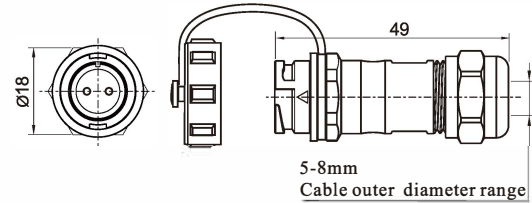
Male contact

Number of contact
Female contact



In-line cable connector
Mate with WY12-TE

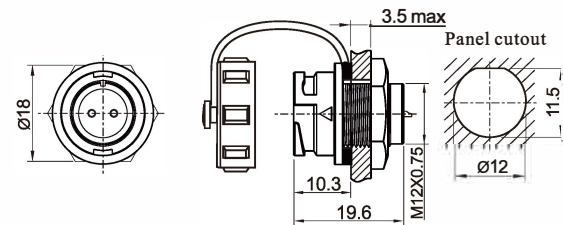
WY12J_ZE WY12K_ZE



Rear-nut mount
Mate with WY12-TE

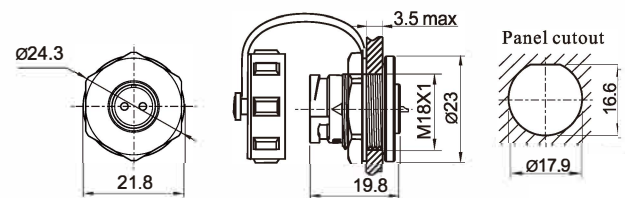
WY12J_ZM WY12K_ZM

Number of contact



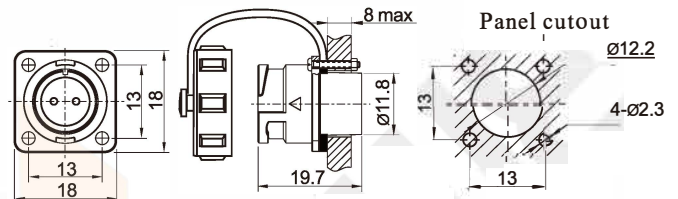
Front-nut mount
Mate with WY12-TE

WY12J_ZMQ WY12K_ZMQ



Square flange
Mate with WY12-TE

WY12J_Z WY12K_Z



Solder contact spec

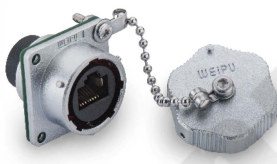
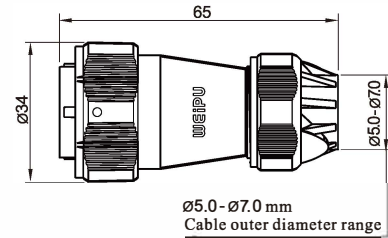
Number of contact	2	3	4	5	6	7	9
Male contact face view							
Rated current (A)	13	13	5	5	5	5	3
Contact diameter (mm)	Ø1.6X2	Ø1.6X3	Ø1X4	Ø1X5	Ø1X6	Ø1X7	Ø0.7X9
Rated voltage (AC.V)	250	250	200	180	125	125	125
Test voltage(AC.V) 1 min	1500	1500	1500	1000	1000	1000	1000
Contact resistance (mΩ)	2	2	5	5	5	5	10
Wire size (mm ² /AWG)	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18	≤0.5/20

WY24



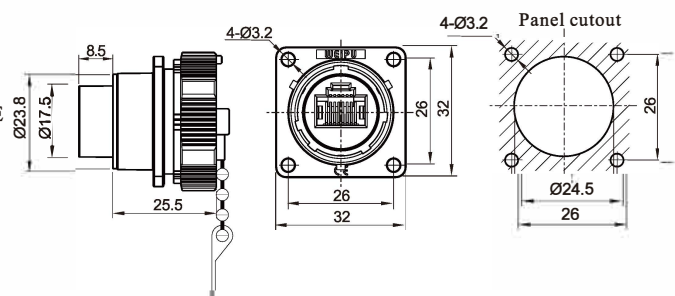
Plug with metal clamping-nut
Mate with WY24KRJ45Z

WY24JRJ45TE



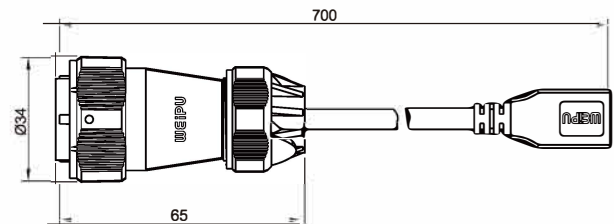
Square flange
receptacle
Mate with WY24JRJ45TE

WY24KRJ45Z



Plug with metal clamping-nut
Mate with WY24KUSB3.0Z

WY24JUSB3.0TE



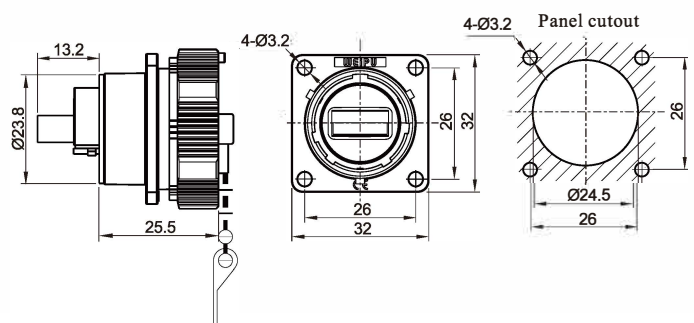
Wire length:
0.5m
1.0m
1.5m
2.0m
3.0m

★ Wire length can be customized



Square flange receptacle
Mate with
WY24JUSB3.0TE

WY24KUSB3.0Z



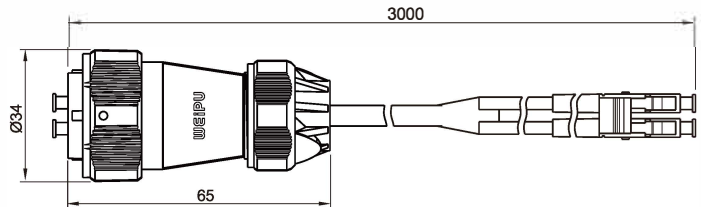
WY24



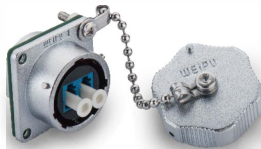
Plug with metal clamping-nut
Mate with WY24KLCZ

WY24JLCTE

Wire length:
0.5m
1.0m
1.5m
2.0m
3.0m

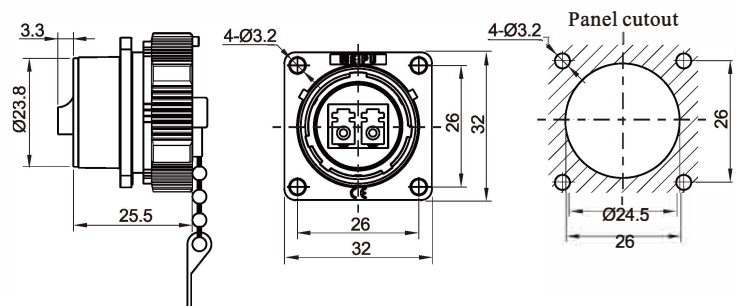


★ Wire length can be customized



Square flange receptacle
Mate with WY24JLCTE

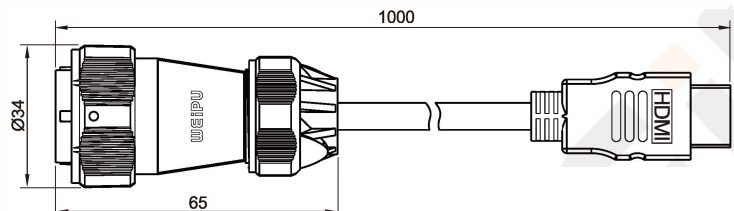
WY24KLCZ



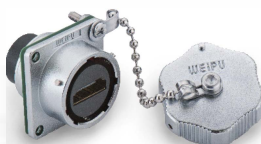
Plug with metal clamping-nut
Mate with WY24KHDMI2.0Z

WY24JHDMI2.0TE

Wire length:
0.5m
1.0m
1.5m
2.0m
3.0m

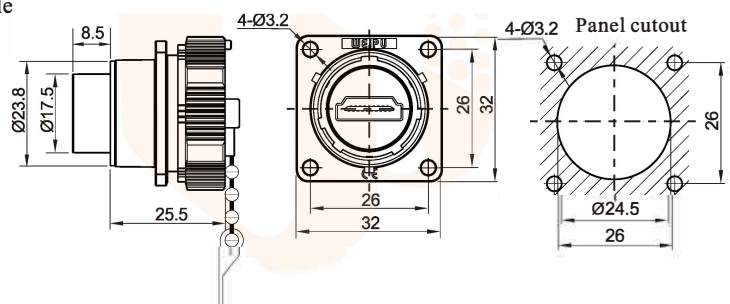


★ Wire length can be customized



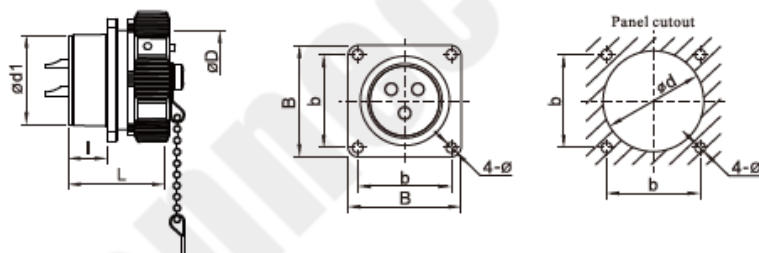
Square flange receptacle
Mate with WY24JHDMI2.0TE

WY24KHDMI2.0Z



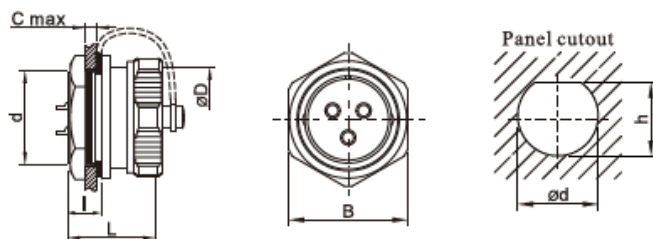


● Square flange panel receptacle: Z IP67



Dimension(mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
d1	15.8	19.8	23.8	27.8	31.8	40	47.8	54.8
D	18	22	26	30	35	44	52	58
I	9.7	10	10	10	14.4	14.2	14.2	14
L	21.6	23	23	23	34	33.5	34	34
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
Ø	3.2	3.2	3.2	3.2	3.5	4.5	4.5	4.5

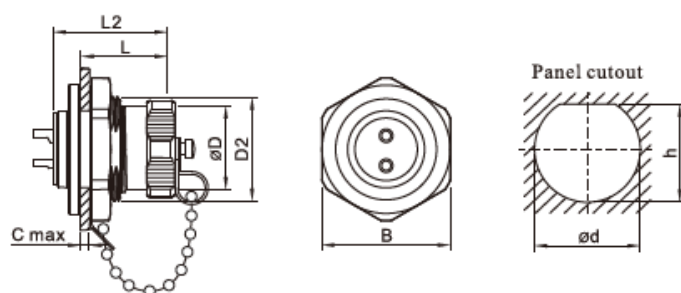
● Round flange panel receptacle: ZM IP67



Dimension(mm)	WY16	WY20	WY24	WY28
d	M16X1	M20X1	M24X1	M28X1
D	18	22	26	30
C	5	5	5	5
I	9.7	9.9	10	10.2
L	22	23	23	23
B	21.2	25.5	29.2	33.3
Ød	15.9	19.7	23.7	27.7
h	15.3	19.3	23.2	26.9

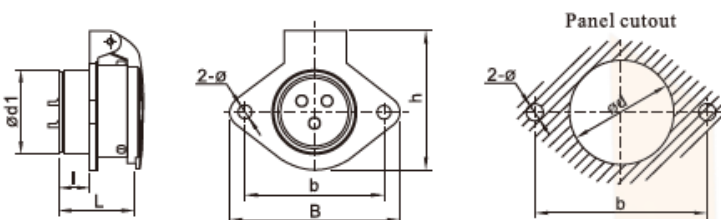


● Front-nut-mount receptacle: ZMQ IP67



Dimension(mm)	WY16	WY20	WY24	WY28
D	18	22	26	30
D2	M22X1	M26X1	M30X1	M34X1
L	16	17	17	17
L2	21.6	23	23	23
C	5	5	5	5
B	26.8	30.8	34.8	38.8
ød	22	26	30	34
h	20.6	24.6	28.6	32.6

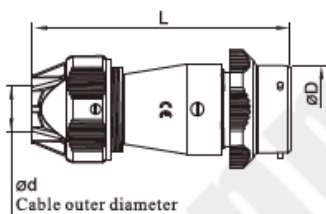
● 2-hole flange panel receptacle with cap: ZG IP67 (Cap IP44)



Dimension(mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
d1	15.8	19.8	23.8	27.8	31.8	39.8	47.8	54.8
d	16.5	20.5	24.5	28.5	32.5	40.5	48.5	55.5
I	10	10	10	10	15.4	14.7	14.3	14
L	22	23	23	23	34	34	34	34
b	30	35	40	45	55	65	80	85
B	38	44	50	55	67	77	92	98
h	32.5	36.5	40.5	45.5	52.5	63.5	74.5	80
ø	3.5	4.5	4.5	4.5	5.5	5.5	5.5	6.5



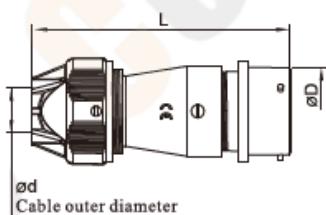
● In-line receptacle with metal clamping-nut B: ZEB IP67



Dimension(mm)	WY16	WY20	WY24	WY28
D	18	22	26	30
L	55	63	66.5	70
ød	5-6.5	9-10.5	9-10.5	10.5-12.5

Optional cap size see P18

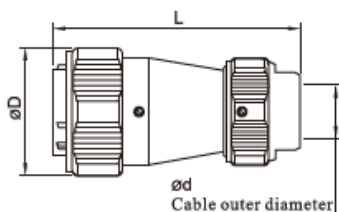
● In-line receptacle with metal clamping-nut: ZE IP67



Dimension(mm)	WY32	WY40	WY48	WY55
D	35	44	52	58
L	90.5	103.5	108	131.6
ød	15.5-17	18-20	I:18-20 II: 24.5-26	24.5-26

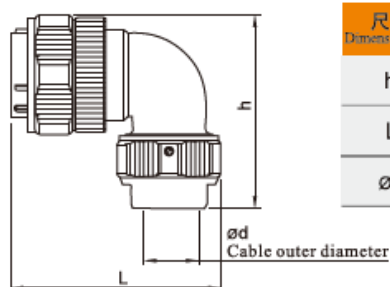
Optional cap size see P18

● Plug with metal clamping-nut: TE IP67



Dimension(mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
D	25	29.5	34	38.5	44.5	54	62	68.5
L	54.5	62.5	65	68	88	100	110	131.5
ød	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

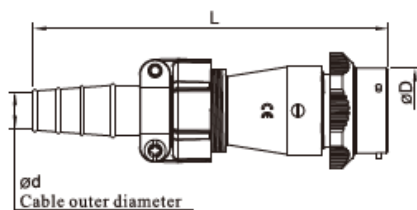
● Plug with angled back shell and metal clamping-nut: TU IP66



尺寸 Dimension(mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
h	43	53	54	58	72	88	103	110.5
L	48	57	59	61	84	90	97	109
ød	5-6.5	9-10.5	9-10.5	10.5-12.5	15.5-17	18-20	24.5-26	24.5-26

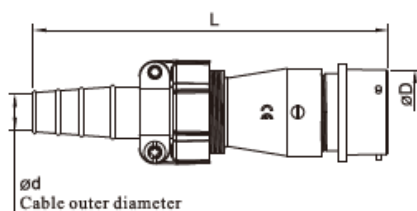


● In-line receptacle with cable clamping plates B: ZIB IP65



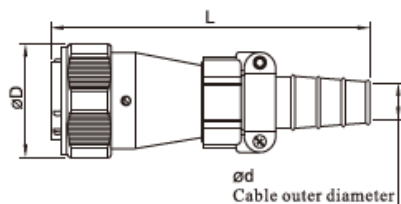
Dimension(mm)	WY16	WY20	WY24	WY28
D	18	22	26	30
L	73	88	92	101
ød	7-8	8-10.5	8-10.5	11.5-13.6

● In-line receptacle with cable clamping plates: ZI IP65



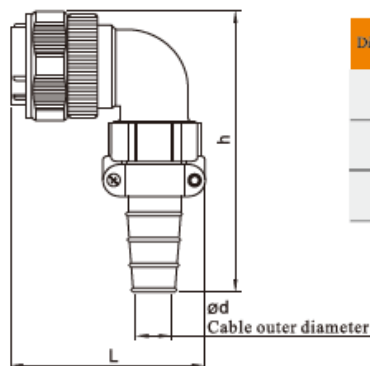
Dimension(mm)	WY32	WY40	WY48	WY55
D	35	44	52	58
L	119	130	137	165
ød	13-15.6	15.5-18.8	I:15.5-18.8 II:24-28	24-28

● Plug with cable clamping plates: TI IP65



Dimension(mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
D	25	29.5	34	38.5	44.5	54	62	68.5
L	72.5	87	92	100.5	48.5	130.5	140	163
ød	7-8	8-10.5	8-10.5	11.5-13.6	13-15.6	15.5-18.8	I:15.5-18.8 II:24-28	24-28

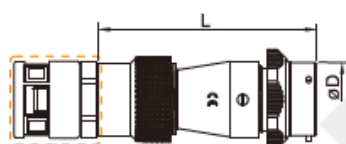
● Plug with angled back shell and cable clamping plates: TV IP65



Dimension(mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
h	60	80	80	93	103	118	137	140
L	49.5	56.5	58	61	82.5	90	98	108
ød	7-8	8-10.5	8-10.5	11.5-13.6	13-15.6	15.5-18.8	24-28	24-28



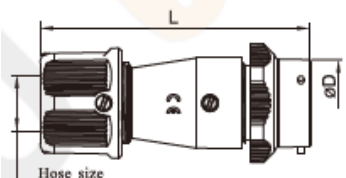
● In-line receptacle for plastic-hose B: ZBB IP55



Optional plastic hose adapter

Dimension(mm)	WY16	WY20	WY24	WY28
D	18	22	26	30
L	54.5	64	67	73
Adapter size	PG7	PG11	PG11	PG16
model of plastic hose adapter	WQG-PG7(B)	WQG-PG11(B)	WQG-PG11(B)	WQG-PG16(B)
Hose size	AD10	AD15.8	AD15.8	AD21.2

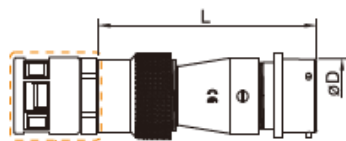
● In-line receptacle for PA-hose: ZHB IP65



Hose size

Dimension(mm)	WY16	WY20	WY24	WY28
D	18	22	26	30
L	52	62.5	66.5	70
Hose size	AD10	AD15.8	AD15.8	AD21.2

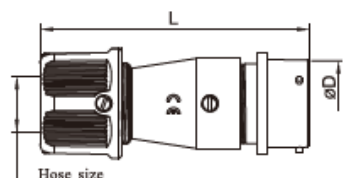
● In-line receptacle for plastic-hose: ZB IP55



Optional plastic hose adapter

Dimension(mm)	WY32	WY40	WY48	WY55
D	35	44	52	58
L	86.5	95	104	120
Adapter size	PG21	PG29	I: PG29 II: PG36	PG36
model of plastic hose adapter	WQG-PG21(B)	WQG-PG29(B)	I: WQG-PG29(B) II: WQG-PG36(B)	WQG-PG36(B)
Hose size	AD28.5	AD34.5	I: AD34.5 II: AD42.5	AD42.5

● In-line receptacle for PA-hose : ZH P65

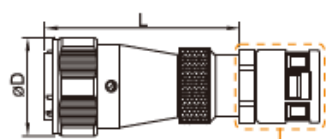


Hose size

Dimension(mm)	WY16	WY20	WY24	WY28
D	18	22	26	30
L	54	64	66	70
Hose size	AD10	AD15.8	AD15.8	AD21.2



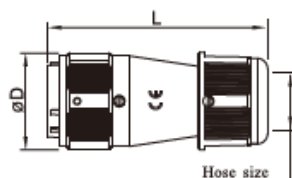
● Plug for plastic-hose: TB IP55



Optional plastic hose adapter

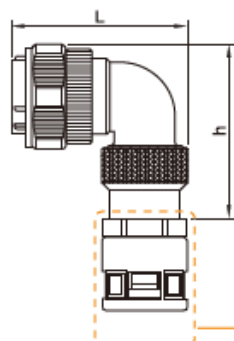
Dimension(mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
D	25	29.5	34	38.5	44.5	54	91	96.5
L	54	62.5	66.5	72.5	87.5	95	105	118
Adapter size	PG7	PG11	PG11	PG16	PG21	PG29	I:PG29 II:PG36	PG36
model of plastic hose adapter	WQG-PG7(B)	WQG-PG11(B)	WQG-PG11(B)	WQG-PG16(B)	WQG-PG21(B)	WQG-PG29(B)	I:WQG-PG29(B) II:WQG-PG36(B)	WQG-PG36(B)
Hose size	AD10	AD15,8	AD15,8	AD21,2	AD28,5	AD34,5	I:AD34,5 II:AD42,5	AD42,5

● Plug for PA-hose: TH IP65



Dimension(mm)	WY16	WY20	WY24	WY28
D	25	29,6	34	38
L	51	62,5	65,5	68,5
Hose size	AD10	AD15,8	AD15,8	AD21,2

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



Dimension(mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
h	44,5	53,5	55	61	70	83	91	96,5
L	47	56,5	57,5	61	82	88,5	95	106
Adapter size	PG7	PG11	PG11	PG16	PG21	PG29	PG29	PG36
model of plastic hose adapter	WQG-PG7(B)	WQG-PG11(B)	WQG-PG11(B)	WQG-PG16(B)	WQG-PG21(B)	WQG-PG29(B)	WQG-PG29(B)	WQG-PG36(B)
Hose size	AD10	AD15,8	AD15,8	AD21,2	AD28,5	AD34,5	AD42,5	AD42,5

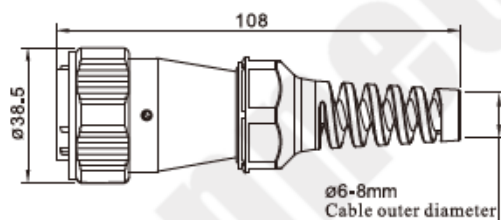
Optional plastic hose adapter



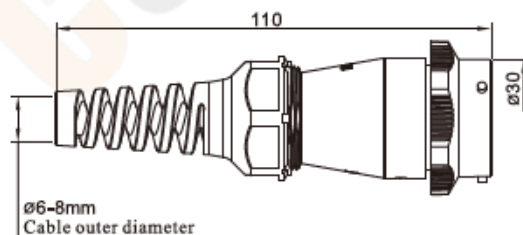
WY
16~55



● Plug with strain relief: TX IP67



● In-line receptacle with strain relief B: ZXB IP67



★ It can be produced 28 mode, other models are customizable

Solder contact spec

WY28	2	3	4	7	8	8B	9	10	10B	12	16	17	20	24	26	35
Male contact face view																
Rated current (A)	50	50	25	25	25	60, 5	25.5	25	10	10	10	10	5	5	5	5
Contact diameter(mm)	Ø3.5X2	Ø3.5X3	Ø2.5X4	Ø2.5X7	Ø2.5X8	Ø5X2 Ø1X6	Ø2.5X4 Ø1X5	Ø2.5X10	Ø1.5X10	Ø1.5X12	Ø1.5X16	Ø1.5X17	Ø1X20	Ø1X24	Ø1X26	Ø1X35
Rated voltage (AC.V)	500	500	500	500	500	500 400	500	500	500	500	500	500	400	400	400	400
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1200	1200	1200	1200
Contact resistance(mΩ)	0.5	0.5	1	1	1	5, 0.5	1, 5	1	2.5	2.5	2.5	2.5	5	5	5	5
Termination	solder / screw	solder / screw	solder / screw	solder / screw	solder / screw	solder	solder	solder / screw	solder	solder	solder	solder	solder	solder	solder	solder
Wire size(mm²/AWG)	≤10/7	≤10/7	≤4/11	≤4/11	≤4/11	≤16/5 ≤0.75/18	≤4/11	≤4/11	≤2/14	≤2/14	≤2/14	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18
Wire size for screw termination	≤6/10	≤6/10	≤1.5/15	≤1.5/15	≤1.5/15	/	/	≤1.5/15	/	/	/	/	/	/	/	/