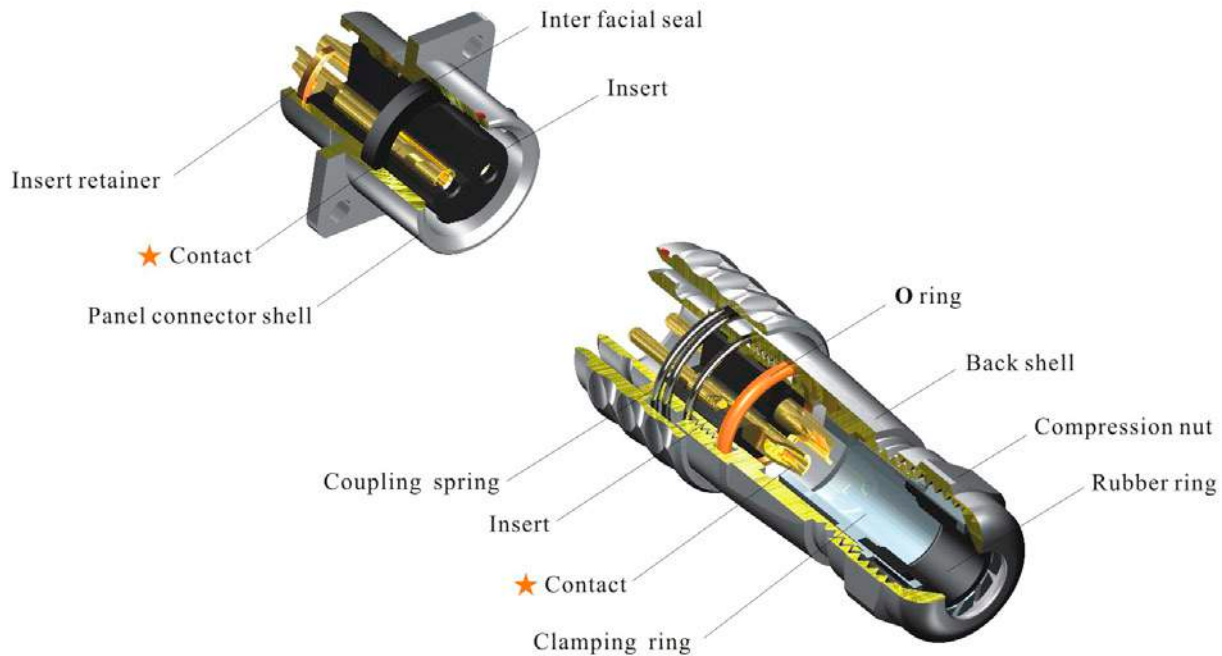


IP67



- DELMSF Series IP67
- Push-pull coupling



★ Each side can be male or female contact

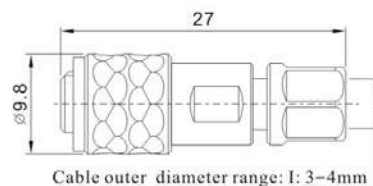
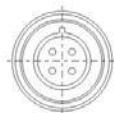
Material and spec

Coupling	Push-pull
Shell material	Brass with chrome plating
Insert material	PPS, max temperature 260 °C
Contact material	Brass with gold plating
Termination	Solder: DELMSF6, DELMSF8, DELMSF10, DELMSF12, DELMSF16, DELMSF20 Crimp: DELMSF 16, DELMSF 20 Screw: DELMSF 20 (Ø 2.5 mm contact)
IP rating	IP67
Mating cycle	500
Temperature range	-40°C~+85°C
Insulation resistance (MΩ)	2000



Cable connector

Mate with DELMSF611,
DELMSF612



DELMSF610/P__ DELMSF610/S__

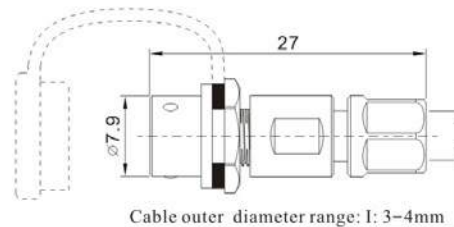
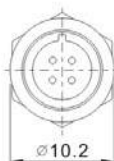
Cable outer diameter: I: 3-4 mm

Number of contact



In-line cable connector

Mate with DELMSF610

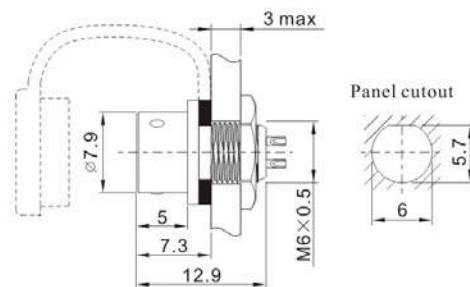


DELMSF611/P__ DELMSF611/S__



Rear-nut mount

Mate with DELMSF610



DELMSF612/P__ DELMSF612/S__

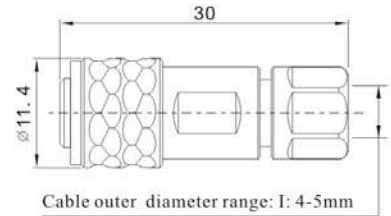
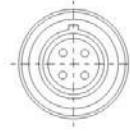
Number of contact

Solder contact spec

Number of contact	2	3	4	5
Male contact face view				
Rated current (A)	3	3	3	3
Contact diameter (mm)	0.6	0.6	0.6	0.6
Rated voltage (AC.V)	30	30	30	30
Test voltage(AC.V) 1 min	500	500	500	500
Contact resistance (mΩ)	10	10	10	10
Wire size (mm²/ AWG)	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18



Cable connector
Mate with DELMSF811,
DELMSF812



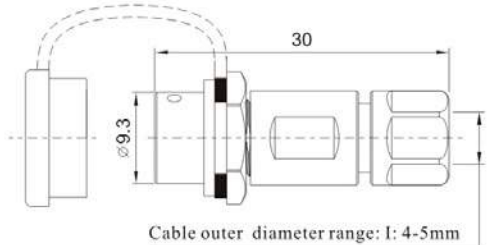
Cable outer diameter range: I: 4-5mm

DELMSF810/P __ DELMSF810/S __

— Cable outer diameter: I: 4-5 mm
— Number of contact



In-line cable connector
Mate with DELMSF810

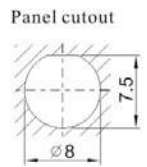
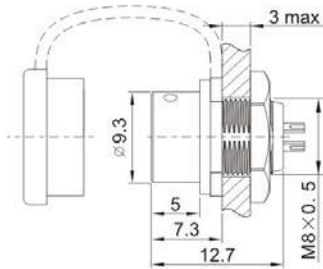
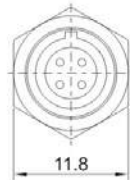


Cable outer diameter range: I: 4-5mm

DELMSF811/P __ DELMSF811/S __



Rear-nut mount
Mate with DELMSF811



DELMSF812/P __ DELMSF812/S __

— Number of contact

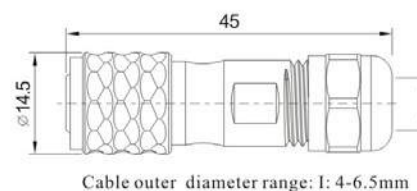
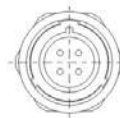
Solder contact spec

Number of contact	2	3	4	6	8
Male contact face view					
Rated current (A)	5	5	3	3	3
Contact diameter (mm)	1	1	0.6	0.6	0.6
Rated voltage (AC.V)	125	125	30	30	30
Test voltage(AC.V) 1 min	1000	1000	500	500	500
Contact resistance (mΩ)	5	5	10	10	10
Wire size (mm² / AWG)	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18



Cable connector

Mate with DELMSF1011,
DELMSF1012



DELMSF1010/P__ DELMSF1010/S__

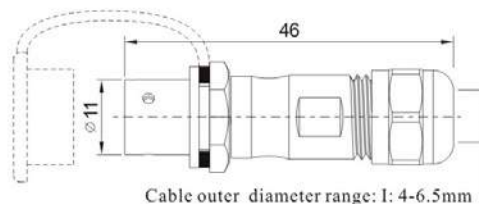
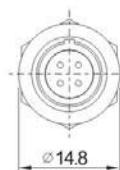
Cable outer diameter: I: 4-6.5 mm

Number of contact



In-line cable connector

Mate with DELMSF1010

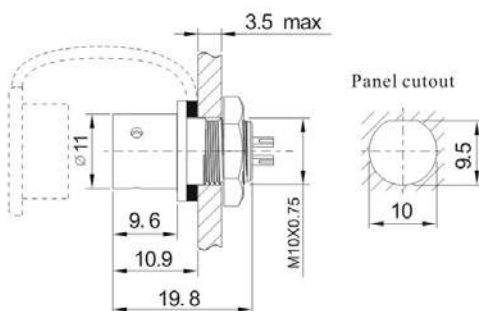


DELMSF1011/P__ DELMSF1011/S__



Rear-nut mount

Mate with DELMSF1010



DELMSF1012/P__ DELMSF1012/S__

Number of contact

Solder contact spec

Number of contact	2	3	4	5
Male contact face view				
Rated current (A)	5	5	3	3
Contact diameter (mm)	1	1	0.7	0.7
Rated voltage (AC.V)	180	180	125	125
Test voltage(AC.V) 1 min	1000	1000	1000	1000
Contact resistance (mΩ)	5	5	10	10
Wire size (mm ² / AWG)	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18

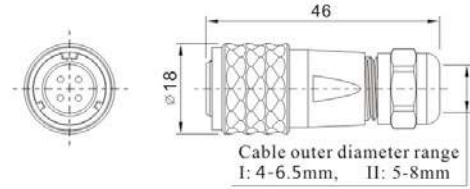


DELMSF1210/P __ **DELMSF1210/S** __

Cable connector

Mate with DELMSF1211,
DELMSF1212, DELMSF1213

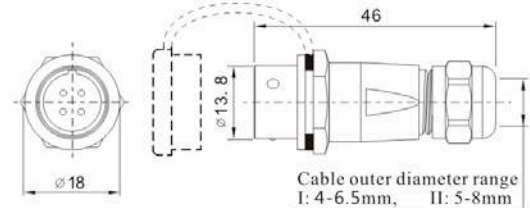
Cable outer diameter:
I: 4-6.5 mm, II: 5-8 mm
Number of contact



DELMSF1211/P __ **DELMSF1211/S** __

In-line cable connector

Mate with DELMSF1210

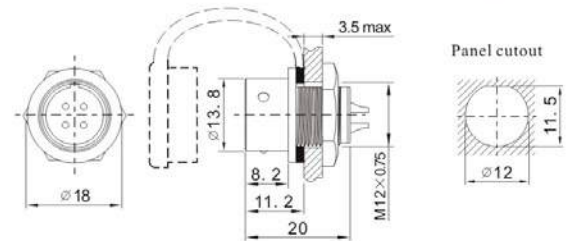


DELMSF1212/P __ **DELMSF1212/S** __

Rear-nut mount

Mate with DELMSF1210

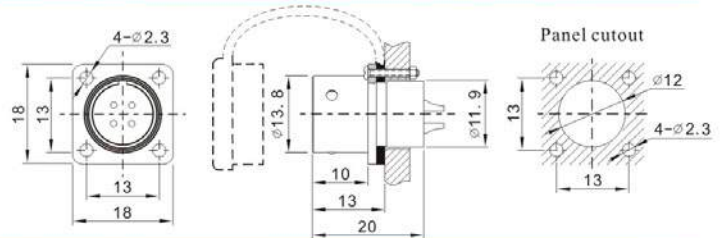
Number of contact



DELMSF1213/P __ **DELMSF1213/S** __

Square flange

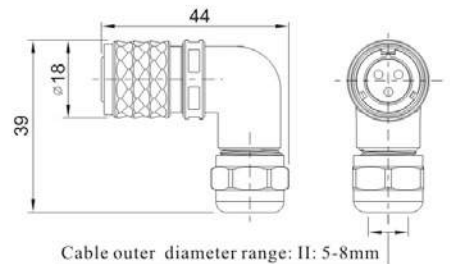
Mate with
DELMSF1210



DELMSF1214/P __II **DELMSF1014/S** __II

Angled cable connector

Mate with DELMSF1211, DELMSF1212,
DELMSF1213

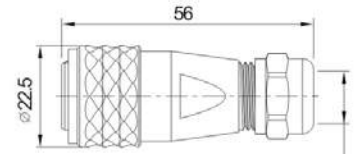
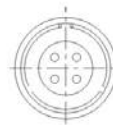


Solder contact spec

Number of contact	2	3	4	5	6	7	9
Male contact face view							
Rated current (A)	13	13	5	5	5	5	3
Contact diameter (mm)	1.6	1.6	1	1	1	1	0.7
Rated voltage (AC.V)	250	250	200	180	125	125	125
Test voltage(AC.V) 1 min	1500	1500	1500	1000	1000	1000	1000
Contact resistance (mΩ)	2	2	5	5	5	5	10
Wire size (mm² / AWG)	≤2 / 14	≤2 / 14	≤0.785 / 18	≤0.785 / 18	≤0.785 / 18	≤0.785 / 18	≤0.785 / 18



Cable connector
Mate with DELMSF1611,
DELMSF1612, DELMSF1613

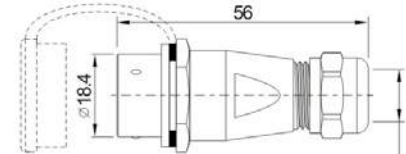


DELMSF1610/P ___ DELMSF1610/S ___

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



In-line cable connector
Mate with DELMSF1610

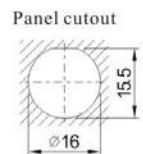
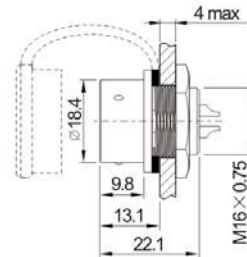


DELMSF1611/P ___ DELMSF1611/S ___

Cable outer diameter range
I: 5-8mm, II: 8-12mm



Rear-nut mount
Mate with DELMSF1610

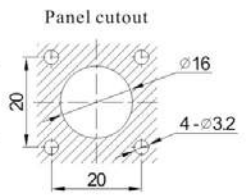
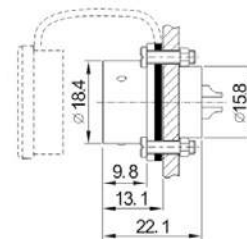
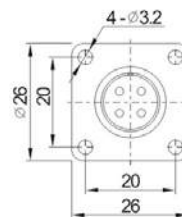


DELMSF1612/P ___ DELMSF1612/S ___

1: solder pin, 3: crimp
Number of contact



Square flange
Mate with
DELMSF1610



DELMSF1613/P ___ DELMSF1613/S ___

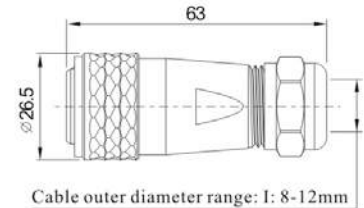
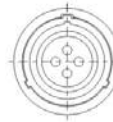
Solder contact spec

Number of contact	2	3	4	5	7	9	10
Male contact face view							
Rated current (A)	10	10	5	5	5	5	5
Contact diameter (mm)	1.5	1.5	1	1	1	1	1
Rated voltage (AC.V)	500	500	500	500	400	400	400
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1200	1200	1200
Contact resistance (mΩ)	2.5	2.5	5	5	5	5	5
Wire size (mm² / AWG)	≤2/14	≤2/14	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18



Cable connector

Mate with DELMSF2011,
DELMSF2012, DELMSF2013



DELMSF2010/P ___ DELMSF2010/S ___

Number of contact

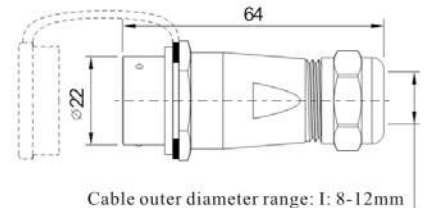
1: solder, 2: screw, 3: crimp

Cable outer diameter I: 8-12 mm



In-line cable connector

Mate with DELMSF2010

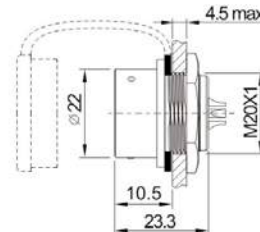


DELMSF2011/P ___ DELMSF2011/S ___

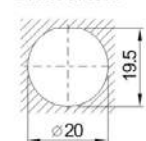


Rear-nut mount

Mate with DELMSF2010



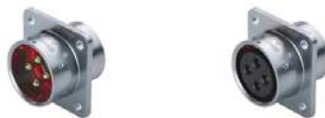
Panel cutout



DELMSF2012/P ___ DELMSF2012/S ___

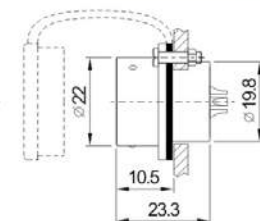
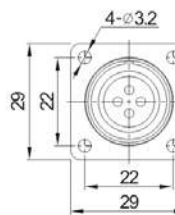
1: solder, 2: screw, 3: crimp

Number of contact

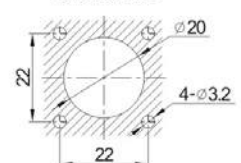


Square flange

Mate with
DELMSF2010



Panel cutout



DELMSF2013/P ___ DELMSF2013/S ___

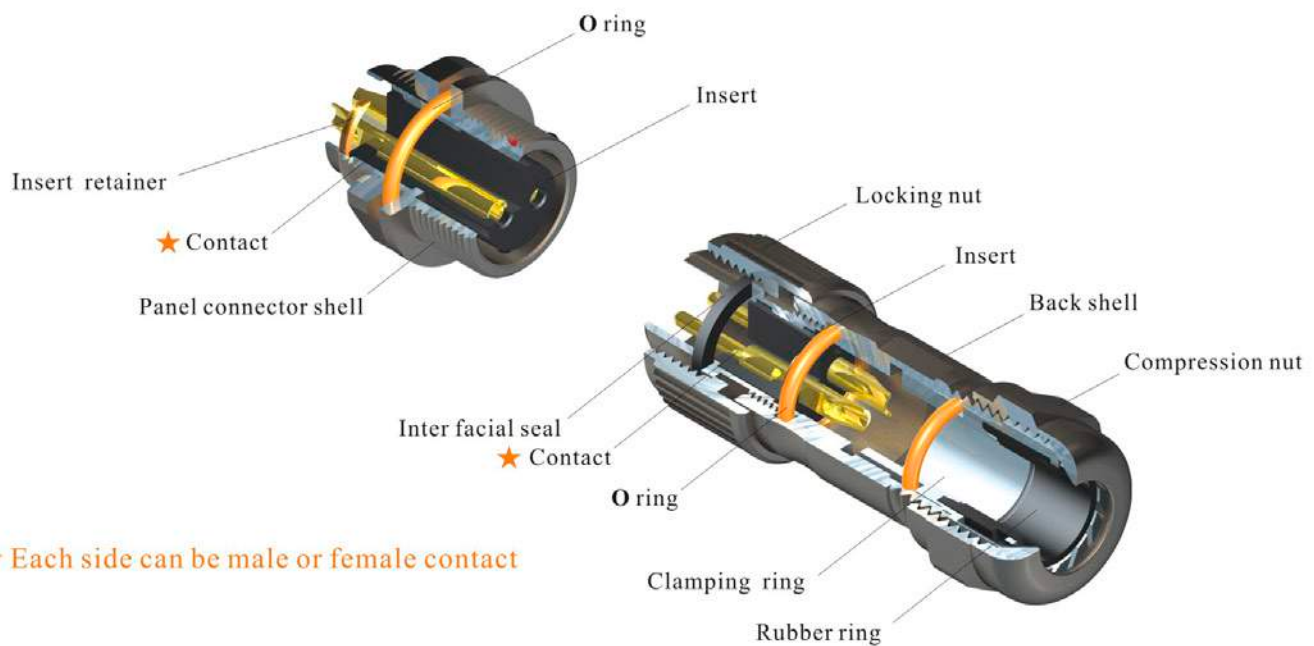
Solder contact spec

Number of contact	2	3	4	5	6	7	9	12
Male contact face view								
Rated current (A)	25	25	25	10	25 5	10	5	5
Contact diameter (mm)	2.5	2.5	2.5	1.5	2.5X4 1X2	1.5	1	1
Rated voltage (AC.V)	500	500	500	500	500	500	500	400
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500	1500	1500	1200
Contact resistance (mΩ)	1	1	1	2.5	1 5	2.5	5	5
Termination	solder / screw	solder / screw	solder / screw	solder	solder	solder	solder	solder
Wire size for solder (mm ² / AWG)	≤4/11	≤4/11	≤4/11	≤2/14	≤4/11 ≤0.785/18	≤2/14	≤0.785/18	≤0.785/18
Wire size for screw termination (mm ² / AWG)	≤1.5/15	≤1.5/15	≤1.5/15	/	/	/	/	/

IP67



- DELMST12 Series IP67
- Threaded coupling



Material and spec

Coupling	Threaded
Shell material	Zinc alloy with black nickel plating
Insert material	PPS, max temperature 260 °C
Contact material	Brass with gold plating
Termination	Solder
IP rating	IP67
Mating cycle	500
Temperature range	-40°C ~ +85°C
Insulation resistance (MΩ)	2000

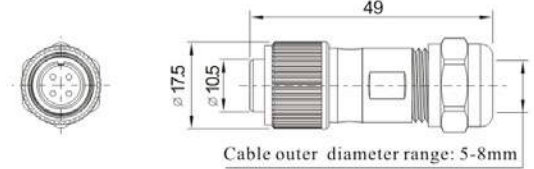


DELMST1210/P_ DELMST1210/S_

Cable connector

Mate with DELMST1211,
DELMST1212, DELMST1213,
DELMST1214

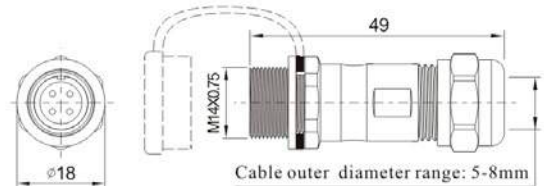
Number of contact



DELMST1211/P_ DELMST1211/S_

In-line cable connector

Mate with DELMST1210

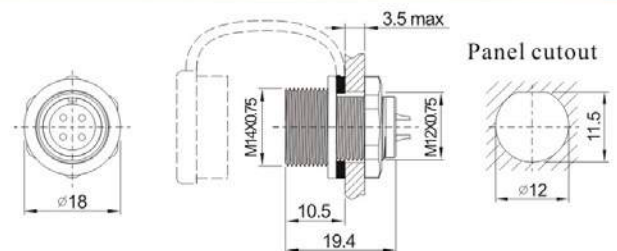


DELMST1212/P_ DELMST1212/S_

Rear-nut mount

Mate with DELMST1210

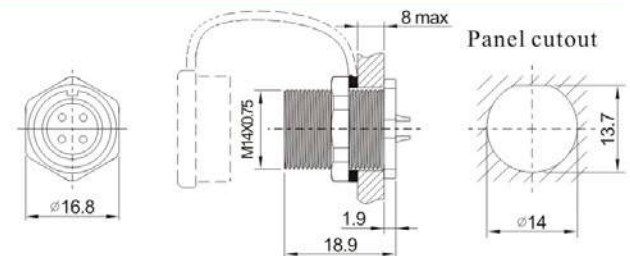
Number of contact



DELMST1213/P_ DELMST1213/S_

Front-nut mount

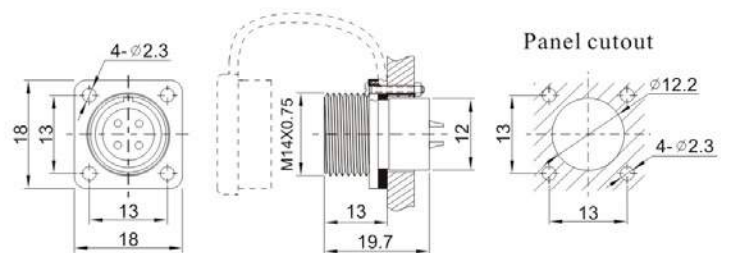
Mate with DELMST1210



DELMST1214/P_ DELMST1214/S_

Square flange

Mate with
DELMST1210



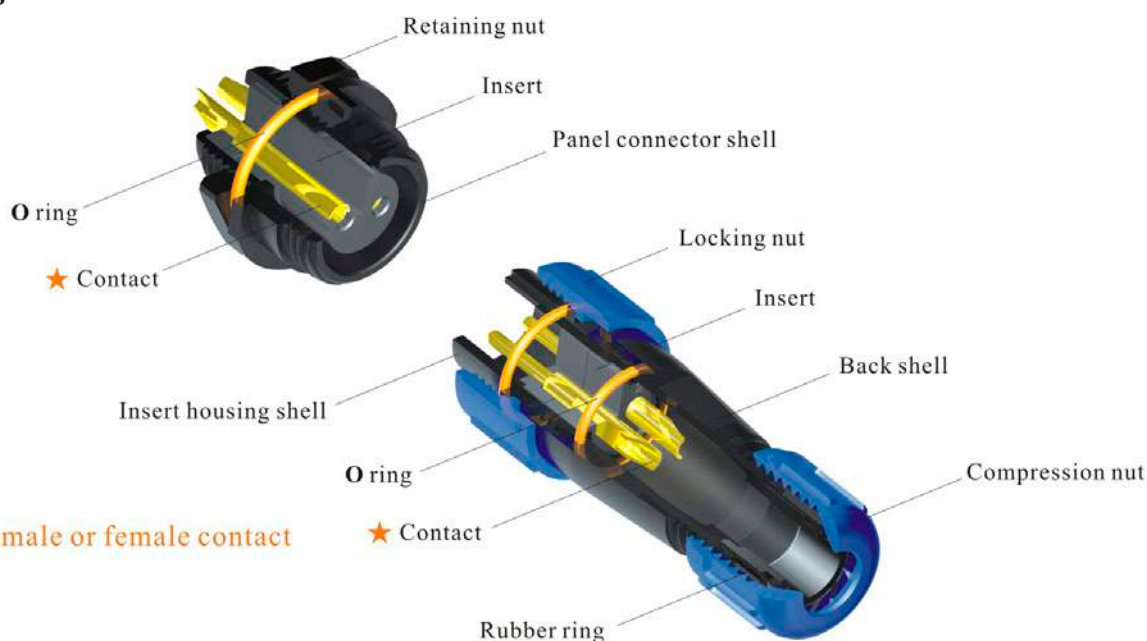
Solder contact spec

Number of contact	2	3	4	5	6	7	9
Male contact face view							
Rated current (A)	13	13	5	5	5	5	3
Contact diameter (mm)	1.6	1.6	1	1	1	1	0.7
Rated voltage (AC.V)	250	250	200	180	125	125	125
Test voltage(AC.V) 1 min	1500	1500	1500	1000	1000	1000	1000
Contact resistance (mΩ)	2	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



- DELKSP Series IP68
- Threaded coupling



★ Each side can be male or female contact

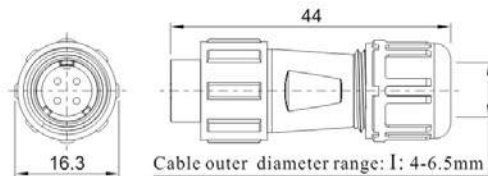
Material and spec

Coupling	Threaded
Shell material	PC: Panel connector shell, Insert housing shell Nylon66: Locking nut, Back shell, Compressing nut, Retaining nut Fire resistance: V-0
Insert material	PPS, max temperature 260 °C
Contact material	Brass with gold plating
Termination	Solder: DELKSP11, DELKSP13, DELKSP17, DELKSP21, DELKSP29 Crimp: DELKSP17, DELKSP21, DELKSP29 Screw: DELKSP21, DELKSP29 (Ø 2.5, Ø 3, Ø 3.5 mm contact)
IP rating	IP68
Mating cycle	500
Temperature range	-40°C ~ +85°C
Insulation resistance (MΩ)	2000



Cable connector

Mate with DELKSP1111,
DELKSP1112



DELKSP1110/P__ DELKSP1110/S__

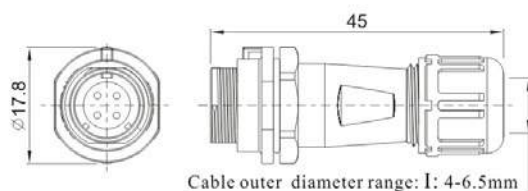
Cable outer diameter: I: 4-6.5 mm

Number of contact



In-line cable connector

Mate with DELKSP1110

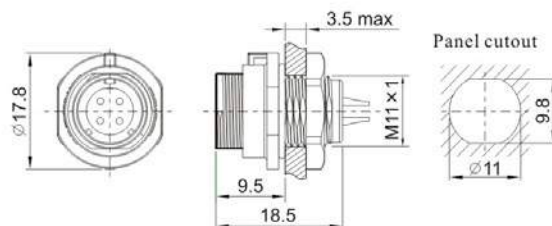


DELKSP1111/P__ DELKSP1111/S__



Rear-nut mount

Mate with DELKSP1110



DELKSP1112/P__ DELKSP1112/S__

Number of contact

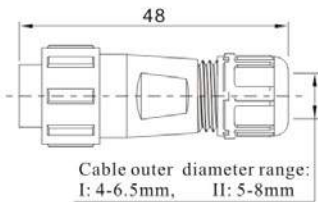
Solder contact spec

Number of contact	2	3	4	5
Male contact face view				
Rated current (A)	5	5	3	3
Contact diameter(mm)	1	1	0.7	0.7
Rated voltage (AC.V)	180	180	125	125
Test voltage(AC.V) 1 min	1000	1000	1000	1000
Contact resistance (mΩ)	5	5	10	10
Wire size (mm ² /AWG)	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18



Cable connector

Mate with DELKSP1311,
DELKSP1312



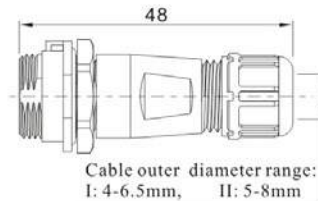
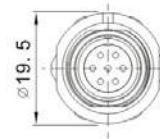
DELKSP1310/P__ DELKSP1310/S__

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



In-line cable connector

Mate with DELKSP1310

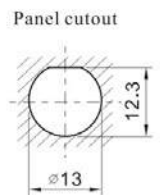
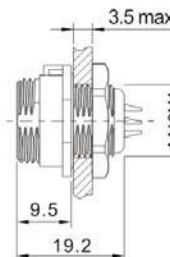
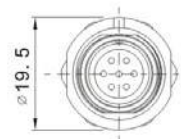


DELKSP1311/P__ DELKSP1311/S__



Rear-nut mount

Mate with DELKSP1310



DELKSP1312/P__ DELKSP1312/S__

Number of contact

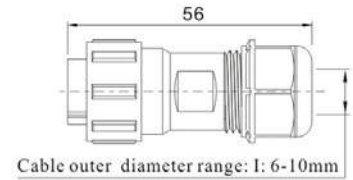
Solder contact spec

Number of contact	2	3	4	5	6	7	9
Male contact face view							
Rated current (A)	13	13	5	5	5	5	3
Contact diameter(mm)	1.6	1.6	1	1	1	1	0.7
Rated voltage (AC.V)	250	250	200	180	125	125	125
Test voltage(AC.V) 1 min	1500	1500	1500	1000	1000	1000	1000
Contact resistance (mΩ)	2	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



Cable connector

Mate with DELKSP1711,
DELKSP1712



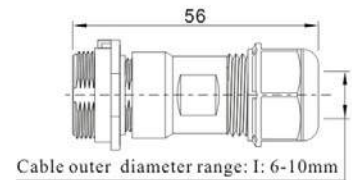
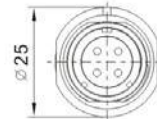
DELKSP1710/P___ **DELKSP1710/S**___

- 1: solder, 3: crimp
- Cable outer diameter: 6-10 mm
- Number of contact



In-line cable connector

Mate with DELKSP1710

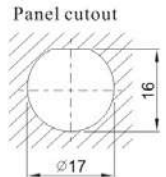
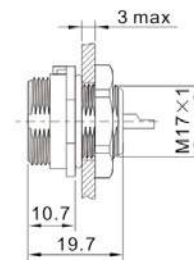
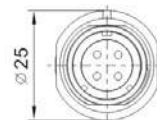


DELKSP1711/P___ **DELKSP1711/S**___



Rear-nut mount

Mate with DELKSP1710



DELKSP1712/P___ **DELKSP1712/S**___

- 1: solder, 3: crimp
- Number of contact

Solder contact spec

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



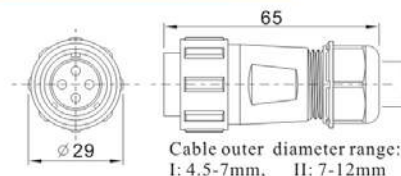
DELKSP2110/P — **DELKSP2110/S**

Number of contact

Cable connector
Mate with DELKSP2111,
DELKSP2112, DELKSP2113

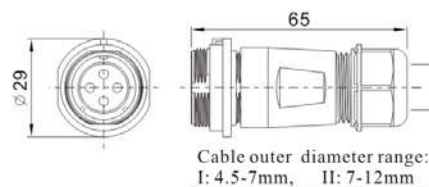
1: solder, 2: screw, 3: crimp

Cable outer diameter I: 4.5–7 mm, II: 7–12 mm



DELKSP2111/P — **DELKSP2111/S**

In-line cable connector
Mate with DELKSP2110

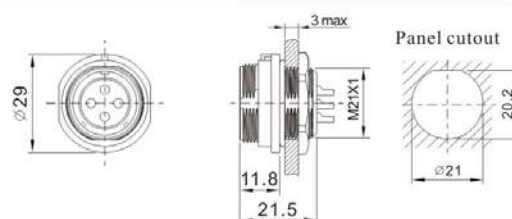


DELKSP2112/P — **DELKSP2112/S**

Number of contact

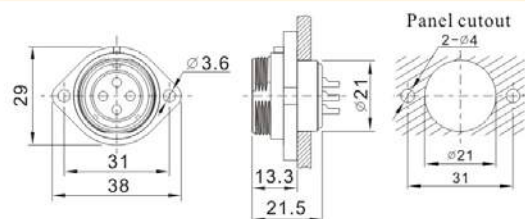
Rear-nut mount
Mate with DELKSP2110

1: solder, 2: screw, 3: crimp



DELKSP2113/P — **DELKSP2113/S**

2-hole flange
Mate with DELKSP2110



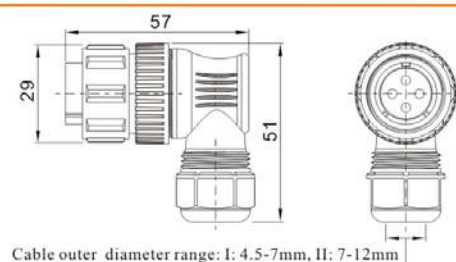
DELKSP2116/P — **DELKSP2116/S**

Number of contact

Angled cable connector

1: solder, 2: screw, 3: crimp

Cable outer diameter
I: 4.5–7 mm, II: 7–12 mm



Solder contact spec

Number of contact	2	3	4	5	5B	5C	7	9	12
Male contact face view									
Rated current (A)	30	30	30	30	30 5	15	15	5	5
Contact diameter(mm)	3	3	3	3	3X2 1X3	2	2	1	1
Rated voltage (AC.V)	500	500	500	500	500	500	500	500	400
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500	1500	1500	1500	1200
Contact resistance (mΩ)	1	1	1	1	1 5	2.5	2.5	5	5
Termination	solder / screw	solder / screw	solder / screw	solder / screw	solder	solder	solder	solder	solder
Wire size for solder (mm ² / AWG)	≤4/11	≤4/11	≤4/11	≤4/11	≤4/11 ≤0.785/18	≤2/14	≤2/14	≤0.785/18	≤0.785/18
Wire size for screw termination (mm ² / AWG)	≤1.5/15	≤1.5/15	≤1.5/15	≤1.5/15	/	/	/	/	/

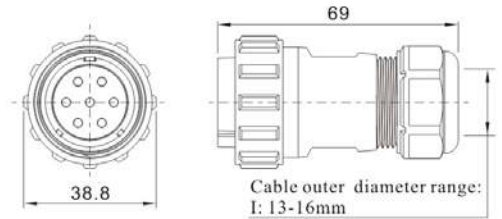


DELKSP2910/P — **DELKSP2910/S**

Number of contact

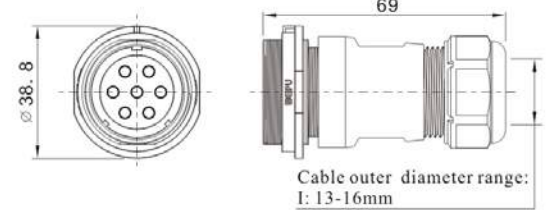
Cable connector
Mate with DELKSP2911,
DELKSP2912, DELKSP2913

1: solder, 2: screw, 3: crimp
Cable outer diameter I: 13–16 mm



DELKSP2911/P — **DELKSP2911/S**

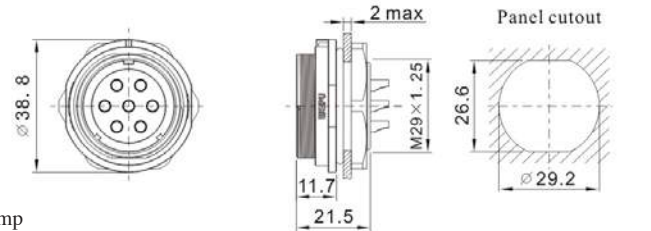
In-line cable connector
Mate with DELKSP2910



DELKSP2912/P — **DELKSP2912/S**

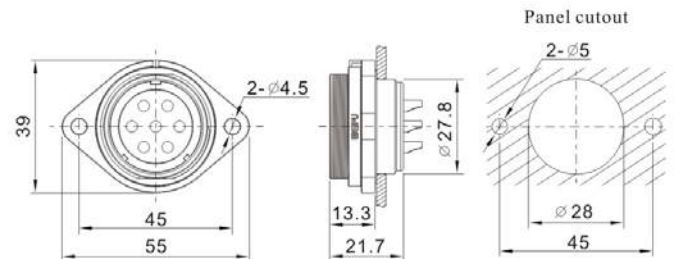
Rear-nut mount
Mate with
DELKSP2910

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



DELKSP2913/P — **DELKSP2913/S**

2-hole flange
Mate with
DELKSP2910



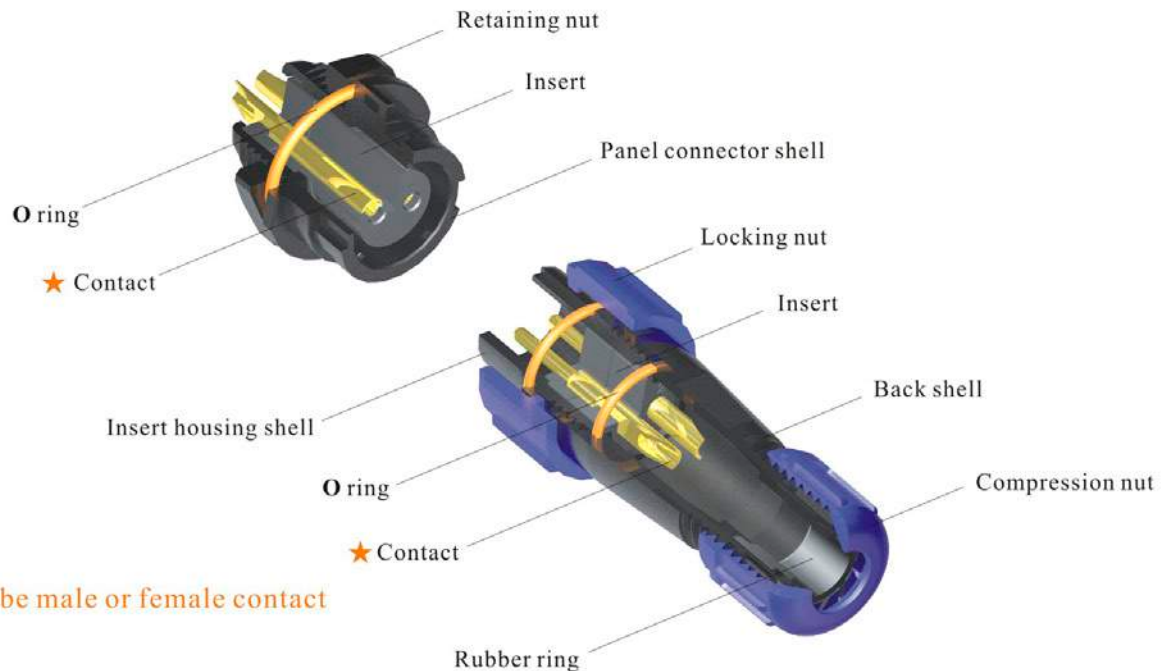
Solder contact spec

Number of contact	2	3	4	7	8	9	10	10B	12	16	17	20	24	26
Male contact face view														
Rated current (A)	50	50	25	25	25	25 5	25	10	10	10	10	5	5	5
Contact diameter(mm)	3.5	3.5	2.5	2.5	2.5	2.5X4 1X5	2.5	1.5	1.5	1.5	1.5	1	1	1
Rated voltage (AC.V)	500	500	500	500	500	500	500	500	500	500	500	400	400	400
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1200	1200	1200
Contact resistance (mΩ)	0.5	0.5	1	1	1	1 5	1	2.5	2.5	2.5	2.5	5	5	5
Termination	solder / screw	solder / screw	solder / screw	solder / screw	solder / screw	solder / screw	solder / screw	solder	solder	solder	solder	solder	solder	solder
Wire size for solder (mm ² / AWG)	≤10/7	≤10/7	≤4/11	≤4/11	≤4/11	≤4/11 ≤0.785/18	≤4/11	≤2/14	≤2/14	≤2/14	≤2/14	≤0.785/18	≤0.785/18	≤0.785/18
Wire size for screw termination (mm ² / AWG)	≤6/10	≤6/10	≤1.5/15	≤1.5/15	≤1.5/15	/	≤1.5/15	/	/	/	/	/	/	/

IP67



- DELKSY Series IP67
- Bayonet coupling



★ Each side can be male or female contact

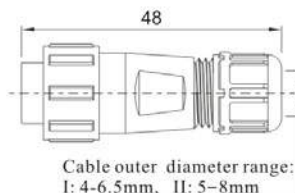
Material and spec

Coupling	Bayonet
Shell material	PC: Panel connector shell, Insert housing shell Nylon66: Locking nut, Back shell, Compressing nut, Retaining nut Fire resistance: V-0
Insert material	PPS, max temperature 260 °C
Contact material	Brass with gold plating
Termination	Solder: DELKSY13, DELKSY17, DELKSY21 Crimp: DELKSY17, DELKSY21 Screw: DELKSY21 (Ø 3 mm contact)
IP rating	IP67
Mating cycle	500
Temperature range	-40°C ~ +85°C
Insulation resistance (MΩ)	2000



Cable connector

Mate with DELKSY1311,
DELKSY1312



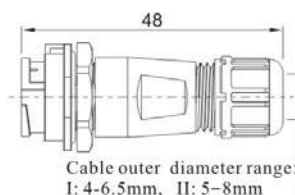
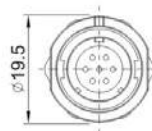
DELKSY1310/P__ DELKSY1310/S__

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



In-line cable connector

Mate with DELKSY1310

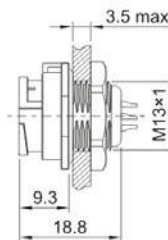
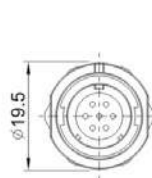


DELKSY1311/P__ DELKSY1311/S__

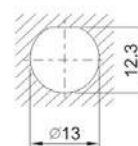


Rear-nut mount

Mate with DELKSY1310



Panel cutout



DELKSY1312/P__ DELKSY1312/S__

Number of contact

Solder contact spec

Number of contact	2	3	4	5	6	7	9
Male contact face view							
Rated current (A)	13	13	5	5	5	5	3
Contact diameter(mm)	1.6	1.6	1	1	1	1	0.7
Rated voltage (AC.V)	250	250	200	180	125	125	125
Test voltage(AC.V) 1 min	1500	1500	1500	1000	1000	1000	1000
Contact resistance (mΩ)	2	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



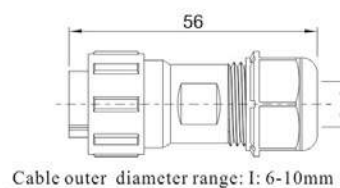
Cable connector
Mate with DELKSY1711,
DELKSY1712

DELKSY1710/P _ _ _ DELKSY1710/S

Number of contact

1: solder, 3: crimp

Cable outer diameter: I: 6-10 mm

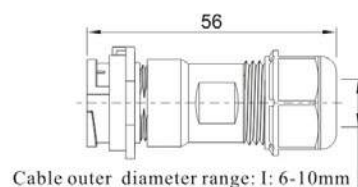
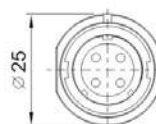


Cable outer diameter range: I: 6-10mm



In-line cable connector
Mate with DELKSY1710

DELKSY1711/P _ _ _ DELKSY1711/S _ _ _



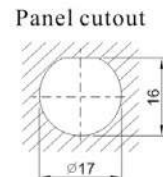
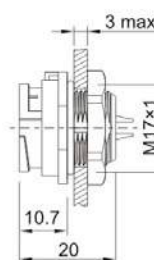
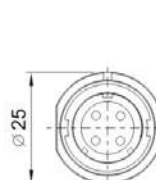
Cable outer diameter range: I: 6-10mm



Rear-nut mount
Mate with DELKSY1710

DELKSY1712/P _ DELKSY1712/S _

Number of contact



Panel cutout

Solder contact spec

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



DELKSY2110/P — **DELKSY2110/S**

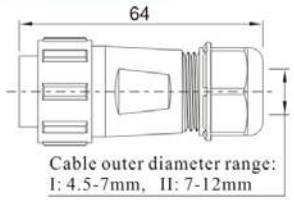
Number of contact

Cable connector

Mate with DELKSY2111,
DELKSY2112, DELKSY2113

1: solder, 2: screw, 3: crimp

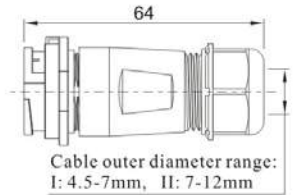
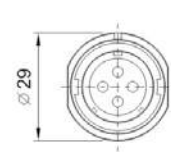
Cable outer diameter: I: 4.5–7 mm, II: 7–12 mm



DELKSY2111/P — **DELKSY2111/S**

In-line cable connector

Mate with DELKSY2110



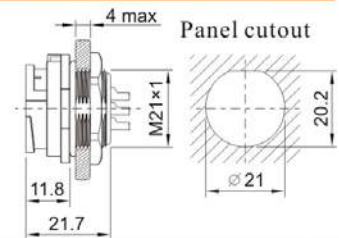
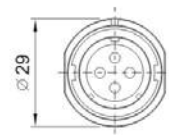
DELKSY2112/P — **DELKSY2112/S**

Number of contact

Rear-nut mount

Mate with DELKSY2110

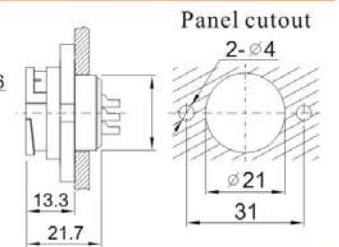
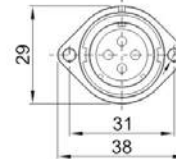
1: solder, 2: screw, 3: crimp



DELKSY2113/P — **DELKSY2113/S**

2-hole flange

Mate with DELKSY2110



DELKSY2116/P — **DELKSY2116/S**

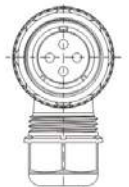
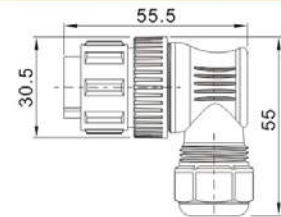
Number of contact

Angled cable connector

Mate with DELKSY2111,
DELKSY2112, DELKSY2113

1: solder, 2: screw, 3: crimp

Cable outer diameter:
I: 4.5–7 mm, II: 7–12 mm



Cable outer diameter range: I: 4.5-7mm, II: 7-12mm

Solder contact spec

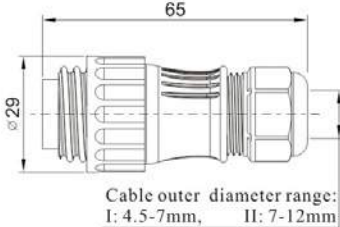
Number of contact	2	3	4	5	5B	5C	7	9	12
Male contact face view									
Rated current (A)	30	30	30	30	30 5	15	15	5	5
Contact diameter(mm)	3	3	3	3	3X2 1X3	2	2	1	1
Rated voltage (AC.V)	500	500	500	500	500	500	500	500	400
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500	1500	1500	1500	1200
Contact resistance (mΩ)	1	1	1	1	1 5	2.5	2.5	5	5
Termination	solder / screw	solder / screw	solder / screw	solder / screw	solder	solder	solder	solder	solder
Wire size for solder (mm ² / AWG)	≤4/11	≤4/11	≤4/11	≤4/11	≤4/11 ≤0.785/18	≤2/14	≤2/14	≤0.785/18	≤0.785/18
Wire size for screw termination (mm ² / AWG)	≤1.5/15	≤1.5/15	≤1.5/15	≤1.5/15	/	/	/	/	/

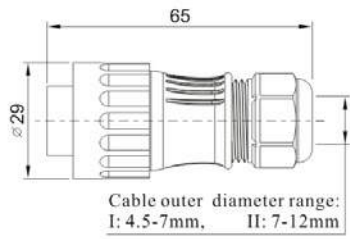
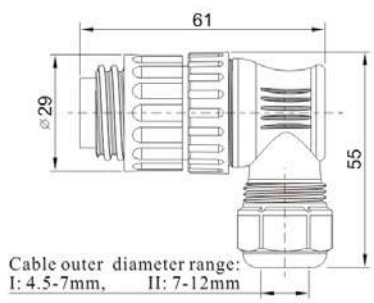
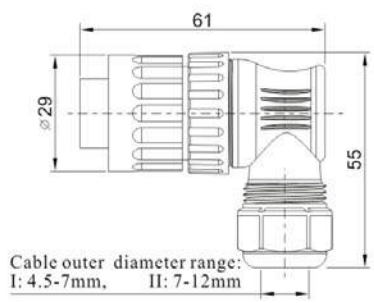
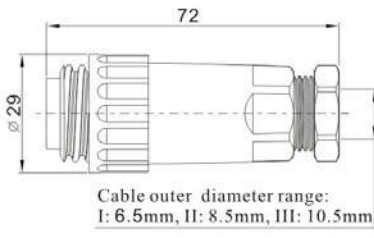
IP67

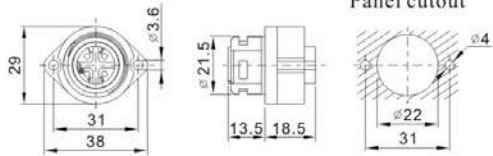
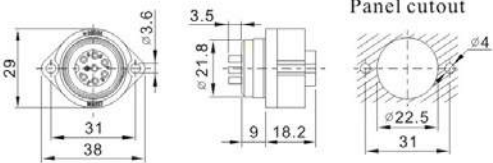
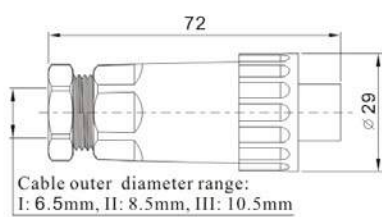
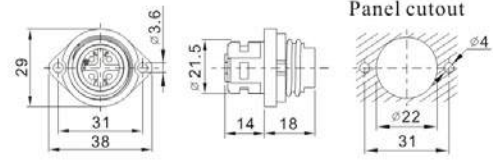
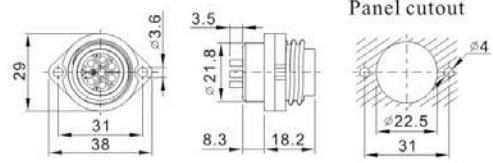
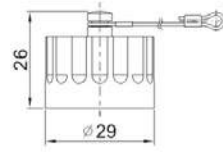
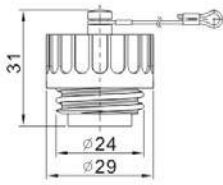


• DELKWA22 Series IP67

Material and spec		
Number of contact	3+PE	6+PE
Contact diameter (mm)	Ø2	Ø1.5
Rated voltage (AC.V)	400	250
Rated current (A)	16	10
Wire size (mm ² /AWG)	≤2. 5/14	≤0. 75/18
Termination	Screw	Solder
Test voltage(AC.V)1min	2000	
Insulation resistance (MΩ)	2000	
Shell material	Nylon66, fire resistance: V-0	
Contact material	Brass with gold plating	
Temperature range	-40℃~+85℃	
Mating cycle	500	

Part number	Description	Drawing
 DELKWA22J4TK2	3+PE male cable connector with short back shell Screw termination	
 DELKWA22J7TK1	6+PE male cable connector with short back shell Solder termination	

Part number	Description	Drawing
DELKWA22K4TK2 	3+PE female cable connector with short back shell Screw termination	
DELKWA22K7TK1 	6+PE female cable connector with short back shell Solder termination	
DELKWA22J4TL2 	3+PE male cable connector with angled back shell Screw termination	
DELKWA22J7TL1 	6+PE male cable connector with angled back shell Solder termination	
DELKWA22K4TL2 	3+PE female cable connector with angled back shell Screw termination	
DELKWA22K7TL1 	6+PE female cable connector with angled back shell Solder termination	
DELKWA22J4TE2 	3+PE male cable connector Screw termination	
DELKWA22J7TE1 	6+PE male cable connector Solder termination	

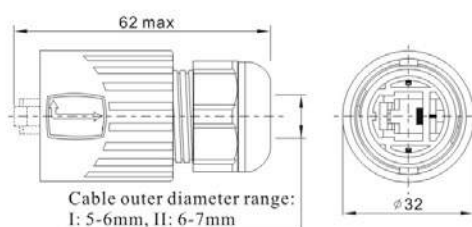
Part number	Description	Drawing
DELKWA22K4Z2 	3+PE female panel connector Screw termination	
DELKWA22K7Z1 	6+PE female panel connector Solder termination	
DELKWA22K4ZE2 	3+PE female cable connector Screw termination	 Cable outer diameter range: I: 6.5mm, II: 8.5mm, III: 10.5mm
DELKWA22K7ZE1 	6+PE female cable connector Solder termination	
DELKWA22J4Z2 	3+PE male panel connector Screw termination	
DELKWA22J7Z1 	6+PE male panel connector Solder termination	
DELKWA22G1 	Cap 1	
DELKWA22G2 	Cap 2	

IP67

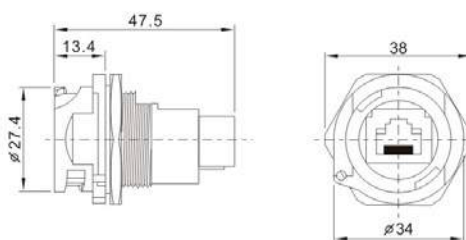


WPRJ45F plug
WPRJ45F6

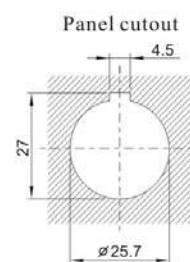
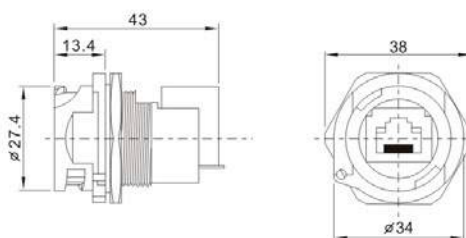
Cable outer diameter range:
I: 5-6 mm, II: 6-7 mm



WPRJ45F Receptacle
WPRJ45F71



Angled Receptacle
WPRJ45F71RA

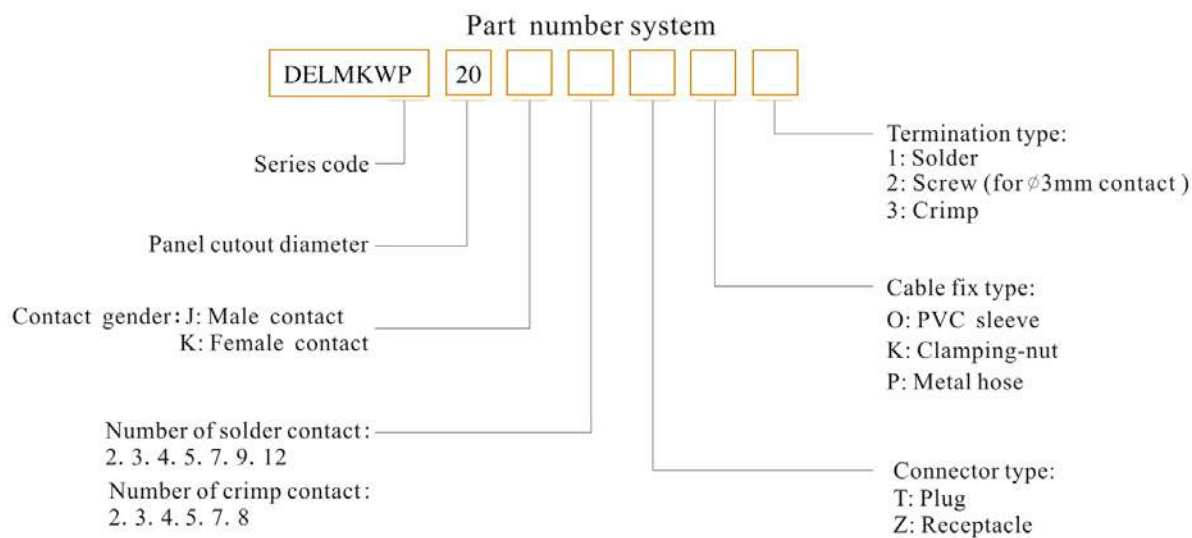


Material and spec

Coupling	Bayonet
Shell material	PC, fire resistance: V-0
IP rating	IP67
Temperature range	-40°C ~ +85°C



• DELMKWP20 Series



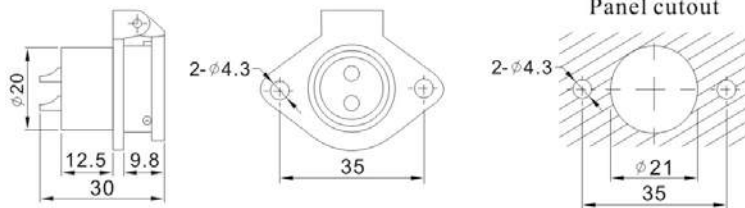
★ Each side can be male or female contact

Material and spec

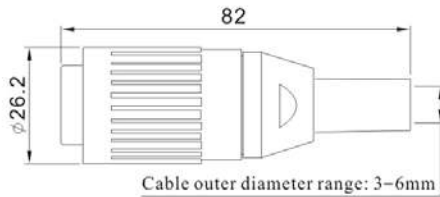
Coupling	Bayonet
Shell	Nylon 66 / Zinc alloy
Insert material	PPS, max temperature 260 °C
Contact material	Brass with gold plating
Termination	Solder ($\phi 1$, $\phi 2$, $\phi 3$ mm contact) Screw ($\phi 3$ mm contact) Crimp ($\phi 1$, $\phi 1.5$, $\phi 2.5$ mm contact)
Mating cycle	500
Temperature range	-40°C ~ + 85°C



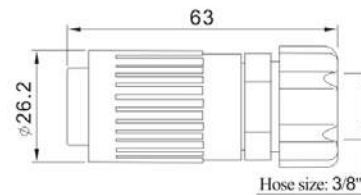
● Receptacle: Z IP44



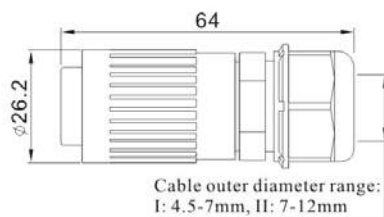
● PVC sleeve : TO



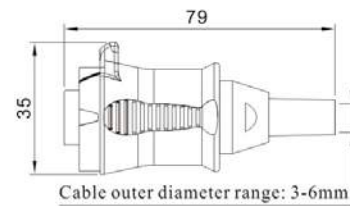
● Metal hose: TP



● Plastic clamping-nut: TK IP55



● Without bayonet: TO-G



Solder contact spec

Number of contact	2	3	4	5	5B	5C	7	9	12
Male contact face view									
Rated current (A)	30	30	30	30	30 5	15	15	5	5
Contact diameter(mm)	3	3	3	3	3X2 1X3	2	2	1	1
Rated voltage (AC.V)	500	500	500	500	500	500	500	500	400
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500	1500	1500	1500	1200
Contact resistance (mΩ)	1	1	1	1	1 5	2.5	2.5	5	5
Termination	solder / screw	solder / screw	solder / screw	solder / screw	solder	solder	solder	solder	solder
Wire size for solder (mm ² / AWG)	≤4/11	≤4/11	≤4/11	≤4/11	≤4/11 ≤0.785/18	≤2/14	≤2/14	≤0.785/18	≤0.785/18
Wire size for screw termination (mm ² / AWG)	≤1.5/15	≤1.5/15	≤1.5/15	≤1.5/15	/	/	/	/	/