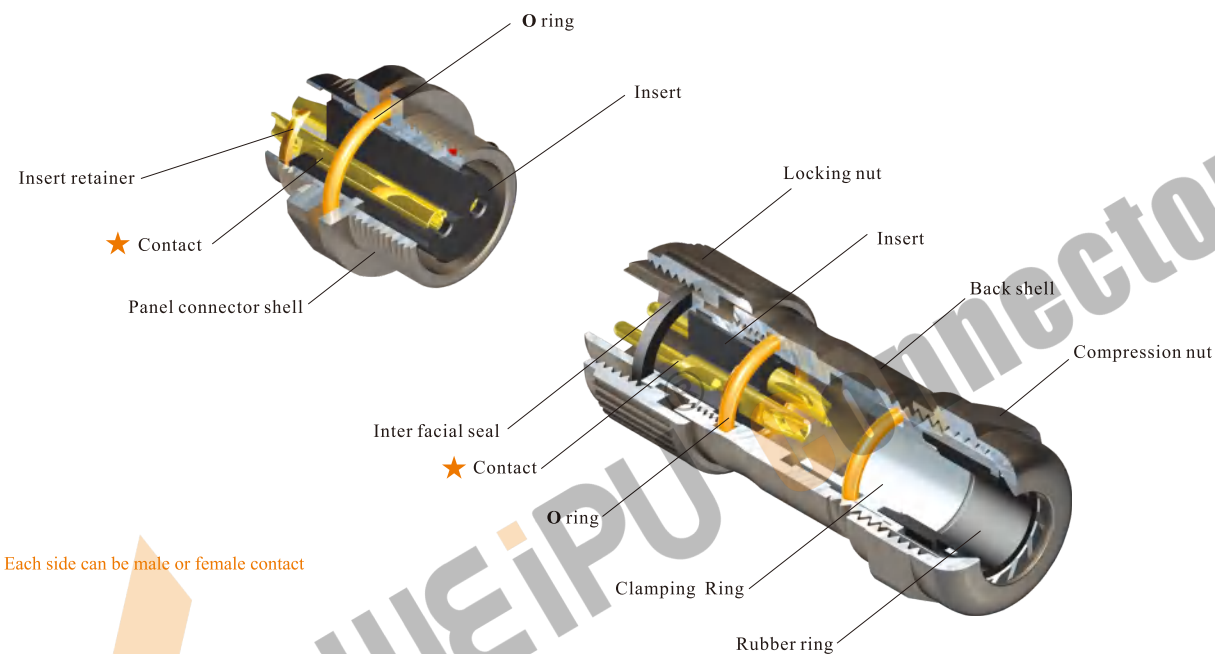




● Part Section Showing
Internal Components



Material and spec

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

ST12 Series



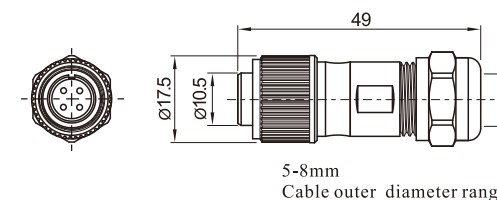
Cable connector
Mate with ST1211, ST1212,
ST1213, ST1214

ST1210 / P—

ST1210 / S—

Male contact

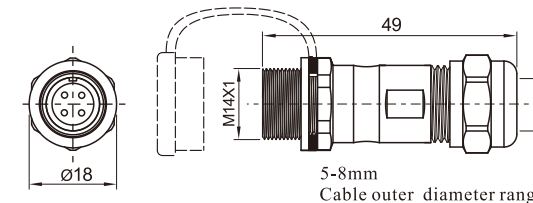
Number of contact
Female contact



In-line cable connector
Mate with ST1210

ST1211 / P—

ST1211 / S—

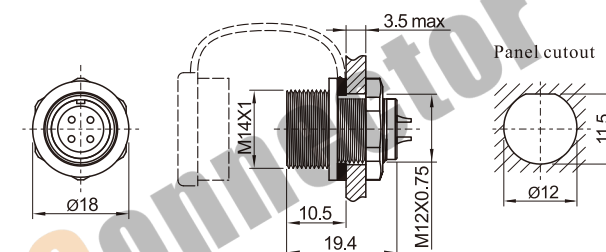


Rear-nut mount
Mate with ST1210

ST1212 / P—

ST1212 / S—

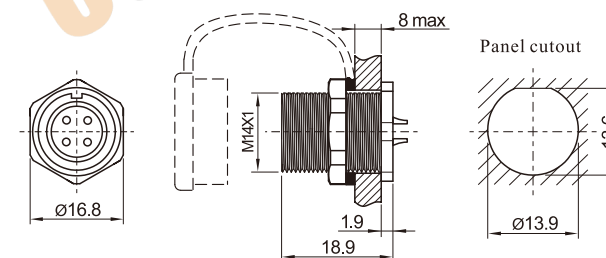
Number of contact



Front-nut mount
Mate with ST1210

ST1213 / P—

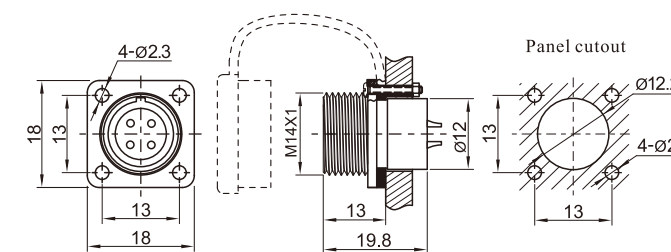
ST1213 / S—



Square flange
Mate with ST1210

ST1214 / P—

ST1214 / S—



Solder contact spec

Number of contact	2	3	4	5	6	7	9
Male contact face view							
Rated current (A)	13	13	5	5	5	5	3
Contact diameter (mm)	Ø1.6X2	Ø1.6X3	Ø1X4	Ø1X5	Ø1X6	Ø1X7	Ø0.7X9
Rated voltage (AC.V)	250	250	200	180	125	125	125
Test voltage(AC.V) 1 min	1500	1500	1500	1000	1000	1000	1000
Contact resistance (mΩ)	2.5	2.5	5	5	5	5	10
Wire size (mm² / AWG)	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18	≤0.5/20