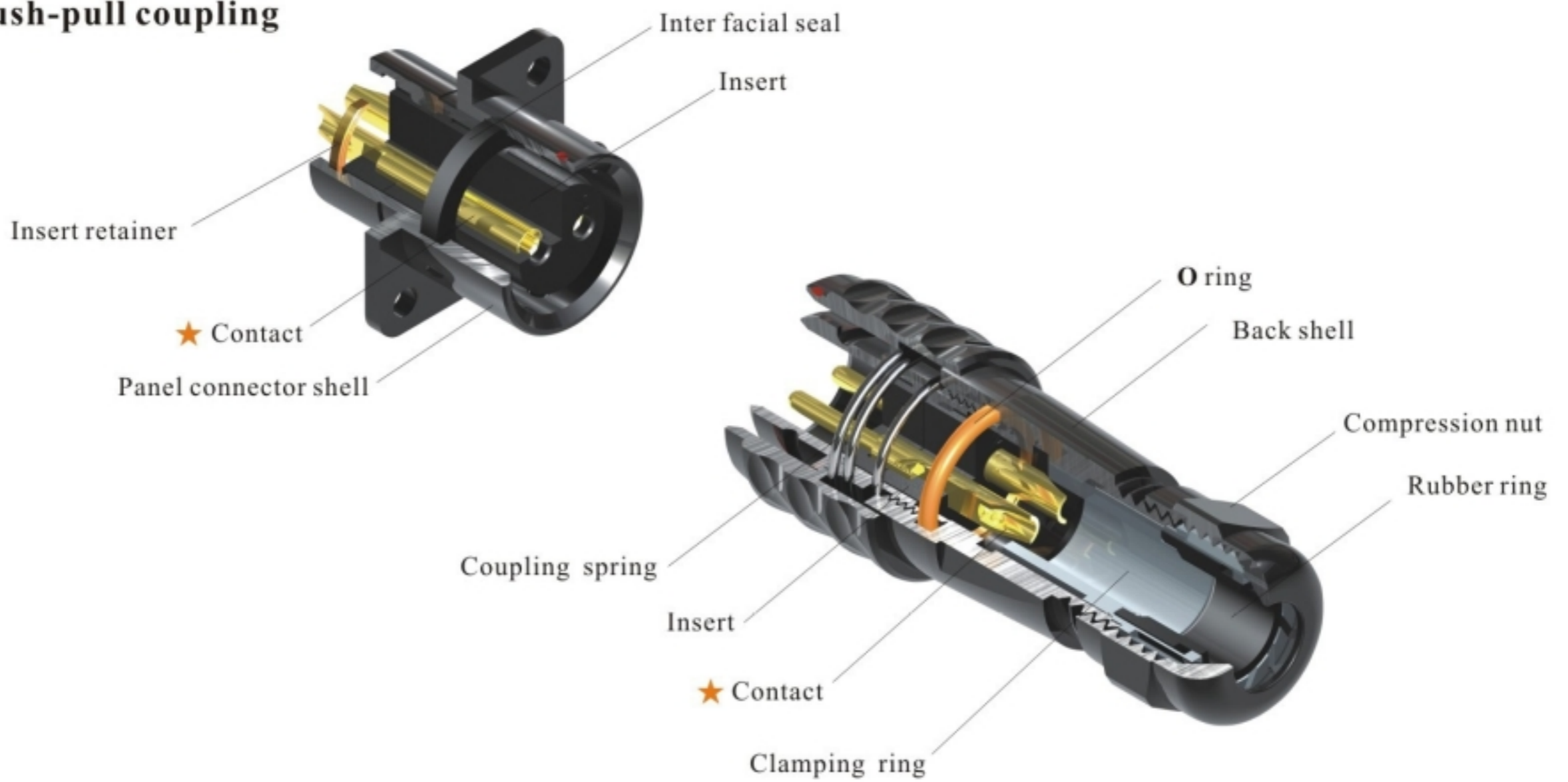


IP 67



- SA Series IP67
- Push-pull coupling



★ Each side can be male or female contact

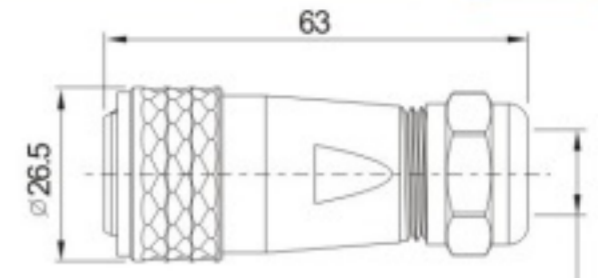
Material and spec

Coupling	Push-pull
Shell material	Anodized aluminium
Insert material	PPS, max temperature 260 °C
Contact material	Brass with gold plating
Termination	Solder: SA10, SA12, SA16, SA20, SA28 Crimp: SA16, SA20, SA28 Screw: SA20, SA28 (∅2.5, ∅3.5mm contact)
IP rating	IP67
Mating cycle	500
Temperature range	-40°C~+85°C
Insulation resistance (MΩ)	2000

SA20 Series



Cable connector
Mate with SA2011, SA2012, SA2013



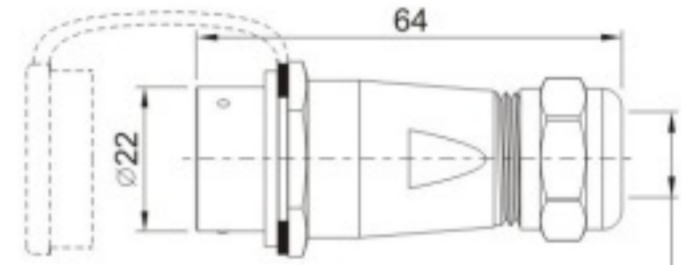
Cable outer diameter range: I: 8-12mm

SA2010/P - - - SA2010/S - - -

Number of contact: 1, 2, 3
Cable outer diameter: I: 8-12mm
1: solder, 2: screw, 3: crimp
Colour:
B: Black
S: Silver
L: Blue
G: Green } special order
R: Red



In-line cable connector
Mate with SF2010

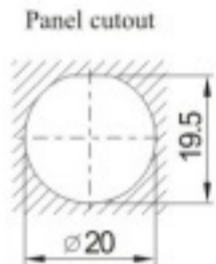
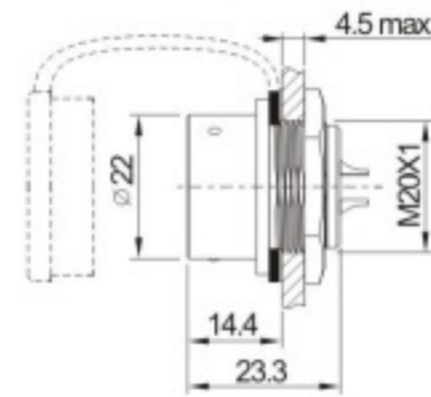


Cable outer diameter range: I: 8-12mm

SA2011/P - - - SA2011/S - - -



Rear-nut mount
Mate with SA2010

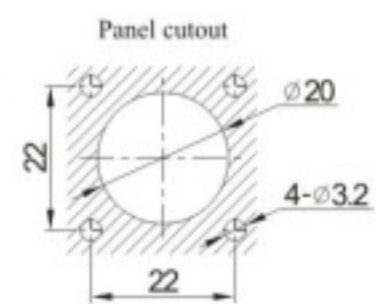
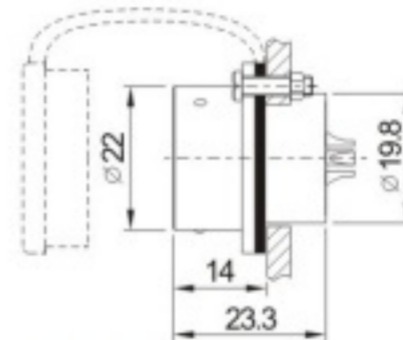


SA2012/P - - - SA2012/S - - -

Number of contact: 1, 2, 3
1: solder, 2: screw, 3: crimp
Colour:
B: Black
S: Silver
L: Blue
G: Green } special order
R: Red



Square flange
Mate with SA2010



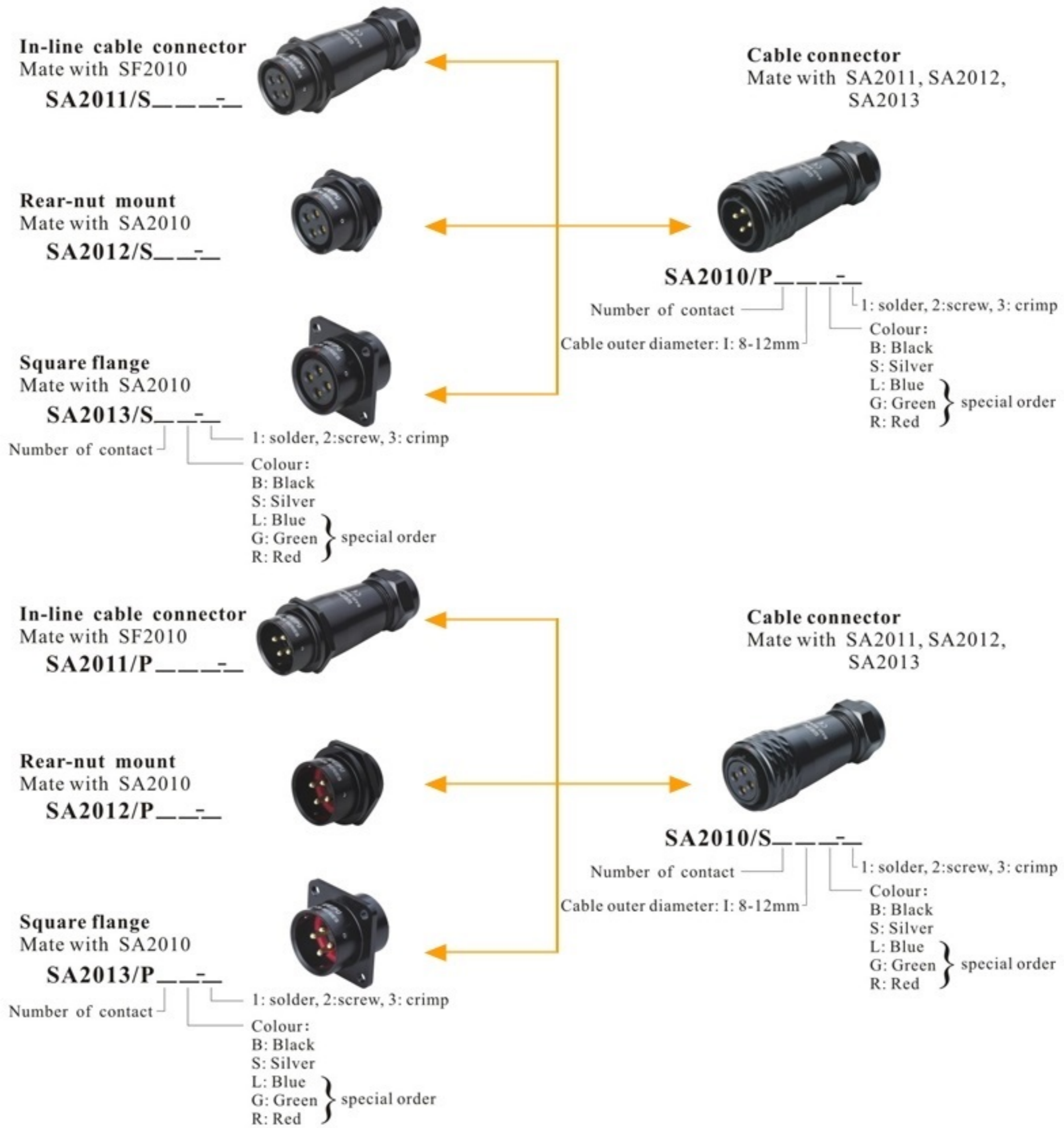
SA2013/P - - - SA2013/S - - -

Solder contact spec

★ Crimp contact spec see page 77-80

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	/	/	/	/	/

• SA20 Series Mating diagram



Application

SA20

This state of the art, miniature IP67 waterproof connector is designed for any high-end products need a high-end connector to match with, such as medical devices, high-end equipments, testing or measuring equipments, communications, marine equipment etc., for data and power.