

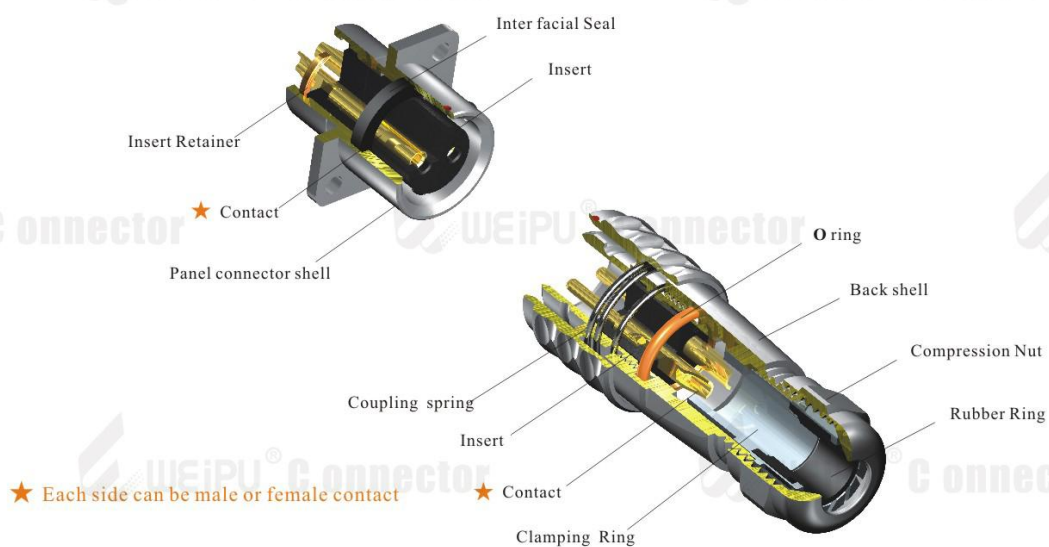


IP67

SF  
12



● SF12 IP67 Push-pull coupling



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          | -40℃~+85℃                                          |            |
| Insulation resistance MΩ   | 2000                                               |            |

## SF12 Series IP67

**Cable connector**  
Mate with SF1211, SF1212, SF1213

SF1210 / P — SF1210 / S

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

**SF 12**

**In-line cable connector**  
Mate with SF1210

SF1211 / P — SF1211 / S

**Front mount**  
Mate with SF1210

SF1212 / P — SF1212 / S

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

• Panel cutout

**Square flange**  
Mate with SF1210

SF1213 / P — SF1213 / S

• Panel cutout

**Angled cable connector**  
Mate with SF1211, SF1212, SF1213

SF1214 / P — II SF1214 / S — II

## 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               | Ø 1.6X2 | Ø 1.6X3 | Ø 1X4     | Ø 1X5     | Ø 1X6     | Ø 1X7     | Ø 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 <sup>2</sup> /AWG | ≤2/14   | ≤2/14   | ≤0.785/18 | ≤0.785/18 | ≤0.785/18 | ≤0.785/18 | ≤0.785/18 |