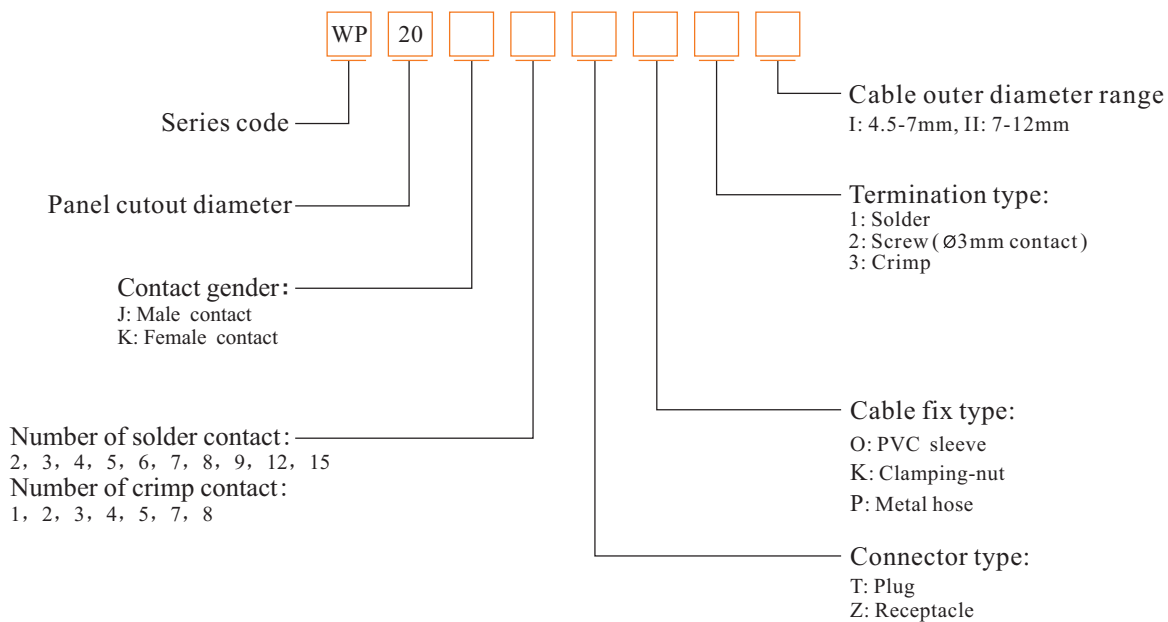




## WP Series

### Part number system



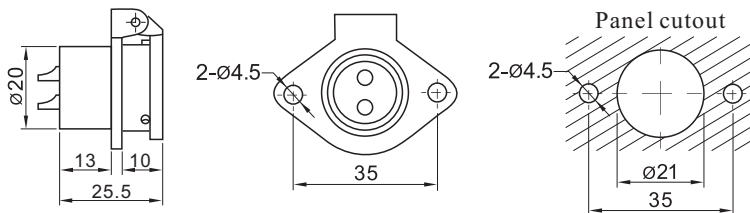
★ Each side can be male or female contact

## Material and spec

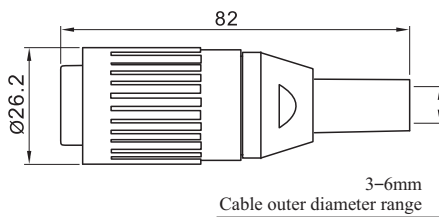
|                   |                                                                                                        |
|-------------------|--------------------------------------------------------------------------------------------------------|
| Coupling          | Bayonet                                                                                                |
| Shell             | Nylon 66 / Zinc alloy                                                                                  |
| Insert material   | PPS, max temperature 260 °C                                                                            |
| Contact material  | Brass with gold Plating                                                                                |
| Termination       | Solder: Ø1mm, Ø2mm, Ø3mm contact<br>Screw: Ø3mm contact<br>Crimp: Ø1mm, Ø1.5mm, Ø2.5mm, Ø5.5mm contact |
| Mating cycle      | 500                                                                                                    |
| Temperature range | -40°C ~ +85°C                                                                                          |



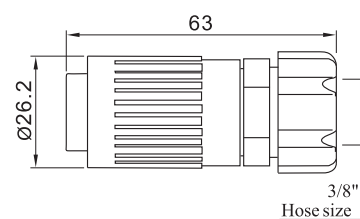
● Receptacle: Z IP44



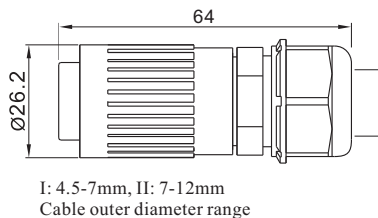
● PVC sleeve : TO



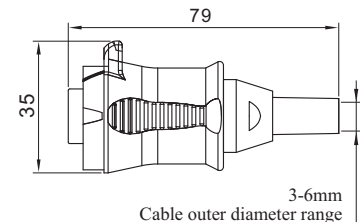
● Metal hose: TP



● Plastic clamping-nut: TK IP55



● Without bayonet: TO-G



**Solder contact spec**

★Crimp contact spec see P22

★Screw contact spec see P23

| Number of contact                                       | 2                        | 3                        | 4                        | 5                        | 5B                | 5C      | 6                 | 6B                | 7       | 8       | 9        | 12       | 15       |
|---------------------------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------|---------|-------------------|-------------------|---------|---------|----------|----------|----------|
| Male contact face view                                  |                          |                          |                          |                          |                   |         |                   |                   |         |         |          |          |          |
| Rated current (A)                                       | 30                       | 30                       | 30                       | 30                       | 30<br>5           | 15      | 25<br>5           | 30<br>5           | 15      | 10      | 5        | 5        | 5        |
| Contact diameter (mm)                                   | Ø3X2                     | Ø3X3                     | Ø3X4                     | Ø3X5                     | Ø3X2<br>Ø1X3      | Ø2X5    | Ø2.5X4<br>Ø1X2    | Ø3X2<br>Ø1X4      | Ø2X7    | Ø1.5X8  | Ø1X9     | Ø1X12    | Ø1X15    |
| Rated voltage (AC.V)                                    | 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    | 1200     | 1200     | 1200     |
| Contact resistance (mΩ)                                 | 1                        | 1                        | 1                        | 1                        | 1<br>5            | 2.5     | 1<br>5            | 1<br>5            | 2.5     | 2.5     | 5        | 5        | 5        |
| Termination                                             | solder / screw           | solder / screw           | solder / screw           | solder / screw           | solder            | solder  | solder            | solder            | solder  | solder  | solder   | solder   | solder   |
| Wire size for solder (mm <sup>2</sup> / AWG)            | ≤4/12                    | ≤4/12                    | ≤4/12                    | ≤4/12                    | ≤4/12<br>≤0.75/18 | ≤1.5/16 | ≤4/12<br>≤0.75/18 | ≤4/12<br>≤0.75/18 | ≤1.5/16 | ≤1.5/16 | ≤0.75/18 | ≤0.75/18 | ≤0.75/18 |
| Wire size for screw termination (mm <sup>2</sup> / AWG) | Min:0.5/20<br>Max:1.5/15 | Min:0.5/20<br>Max:1.5/15 | Min:0.5/20<br>Max:1.5/15 | Min:0.5/20<br>Max:1.5/15 | /                 | /       | /                 | /                 | /       | /       | /        | /        | /        |