

# YW-16 Series

## Product parameter



|                                    |                                                      |
|------------------------------------|------------------------------------------------------|
| Threaded connection                |                                                      |
| Part NO.                           | YW-16-C03PE-02-001                                   |
| Wire specification                 | 1.0mm <sup>2</sup> ~ 1.5mm <sup>2</sup> /14 ~ 12 AWG |
| Line diameter range                | Φ3mm ~ Φ7mm                                          |
| Diameter*number                    | Φ1.5*3                                               |
| Rated current(A)                   | 10A                                                  |
| Operation<br>voltage(AC.V.RMS)     | 500V                                                 |
| Contact resistance                 | <2.5mΩ                                               |
| Temperature rise                   | 10A per contact at 30℃, 12A.....40℃, 15A.....50℃.    |
| Withstand voltage<br>(AC.V)1minute | 2500V                                                |
| Insulation resistance              | > 500MΩ                                              |
| Protection level                   | IP65/IP67                                            |
| Mating cycle                       | ≥500times                                            |
| Working temperature                | -40℃~80℃                                             |

## Material

|                       |                                       |
|-----------------------|---------------------------------------|
| Insulation components | High-performance engineering plastics |
| Hardware              | Zinc alloy ( Nickel Plating )         |
| PIN                   | Copper alloy   gold plating           |
| Waterproof circle     | Silica gel                            |
| Flame retardant grade | UL94-V0                               |

## Core tables

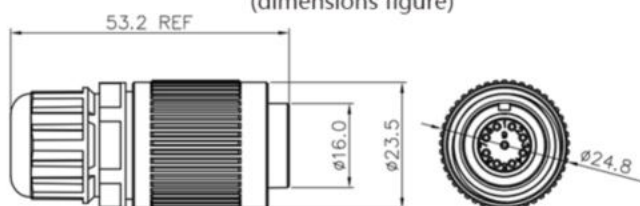
[illegible]

## Connection graph

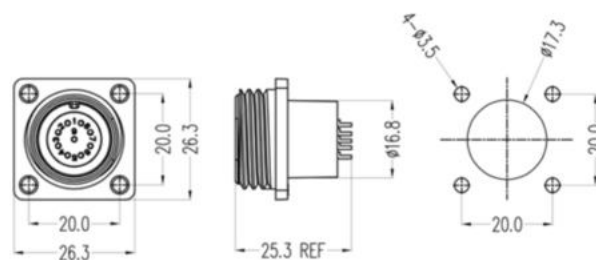


## Appearance dimension

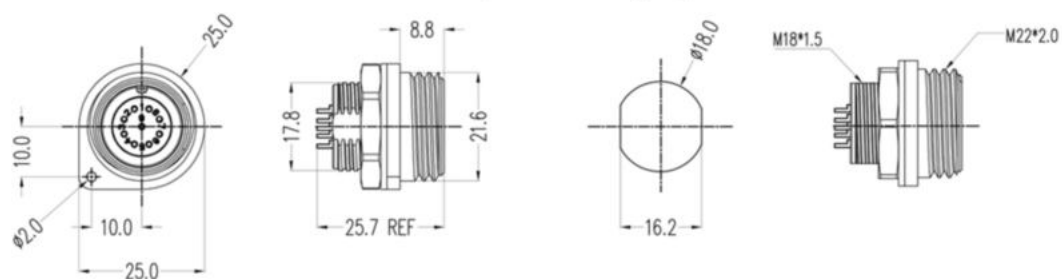
PE clamping cable plug  
(dimensions figure)



S socket (dimensions figure)

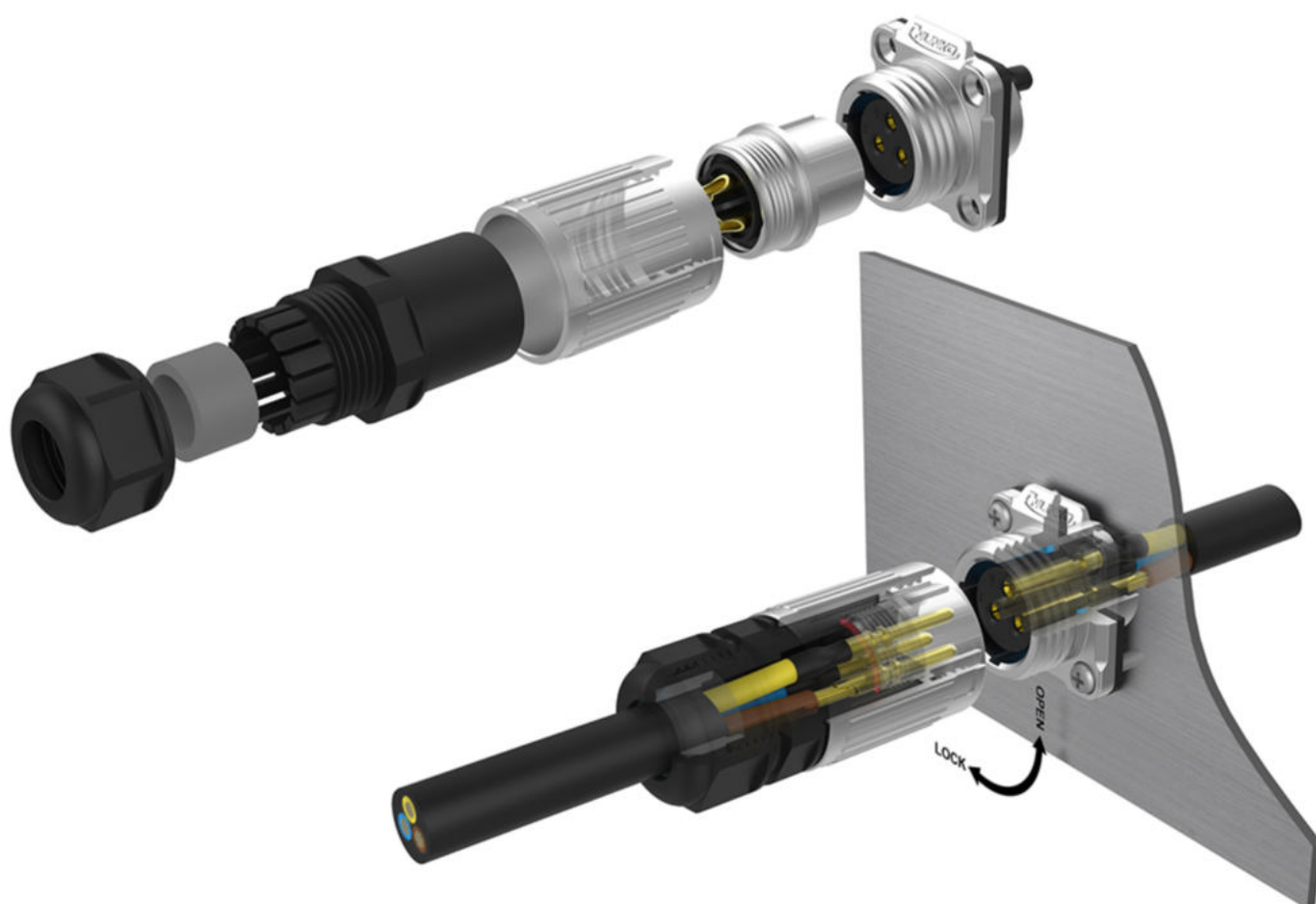


S socket (dimensions figure)



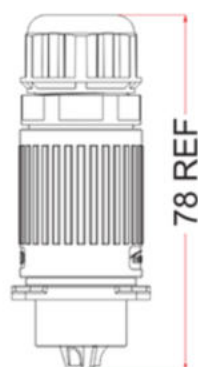


## Connection graph

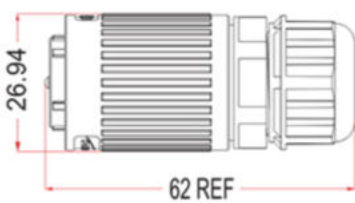


## Appearance dimension

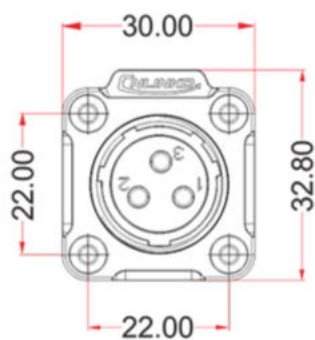
Dimensions figure



PE clamping cable plug (dimensions figure)



S socket (dimensions figure)



Installation hole figure

