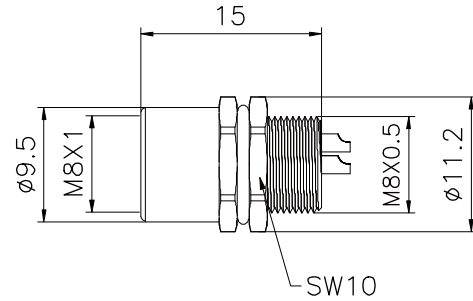


# M8 female front mount socket connector

M 8



## Technical parameters

|                   |                      |
|-------------------|----------------------|
| Shell material    | Copper/Zinc          |
| Core material     | PA66                 |
| Overmold material | PVC/TPU <sup>®</sup> |
| Terminal material | Phosphor copper      |
| Temperature       | -20℃~+80℃            |

|                       |           |
|-----------------------|-----------|
| Insulation resistance | ≥100mΩ    |
| Contact resistance    | ≤5mΩ      |
| Degree of protection  | IP67/IP68 |
| Mating cycle          | ≥500次     |
| Cable diameter        |           |

## Electric parameter

| pin number | code type |   | rated current | rated voltage |     | cable size |                 | cable material <sup>®</sup> | dealing at the end cable                                                 |
|------------|-----------|---|---------------|---------------|-----|------------|-----------------|-----------------------------|--------------------------------------------------------------------------|
|            | A         | B |               | A/C           | D/C | AWG        | mm <sup>2</sup> |                             |                                                                          |
| 3          |           |   | 3A            | 60V           | 60V | 24         | 0.25            | PVC/PUR                     | - no dealing<br>- customized<br>- strip and tinn<br>- to other connector |
| 4          |           |   | 3A            | 30V           | 30V | 24         | 0.25            | PVC/PUR                     |                                                                          |
| 5          |           |   | 3A            | 30V           | 30V | 24         | 0.25            | PVC/PUR                     |                                                                          |
| 6          |           |   | 1A            | 30V           | 30V | 26         | 0.14            | PVC/PUR                     |                                                                          |
| 8          |           |   | 1A            | 30V           | 30V | 26         | 0.14            | PVC/PUR                     |                                                                          |

## Order method

### ① Regular type

M8-B--S----

pin number      code type (except A type)      overmold material      cable material<sup>®</sup>      cable length      others

### ② Customomized

M8-B--S--

pin number      code type (except A type)      customized item number      others