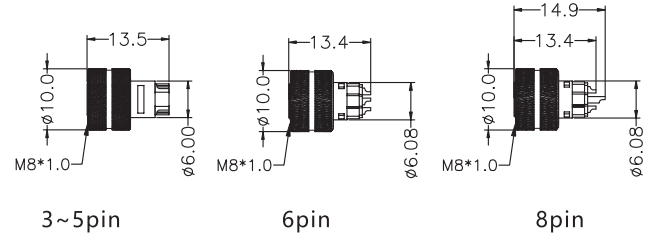


## Female connector for over-molding

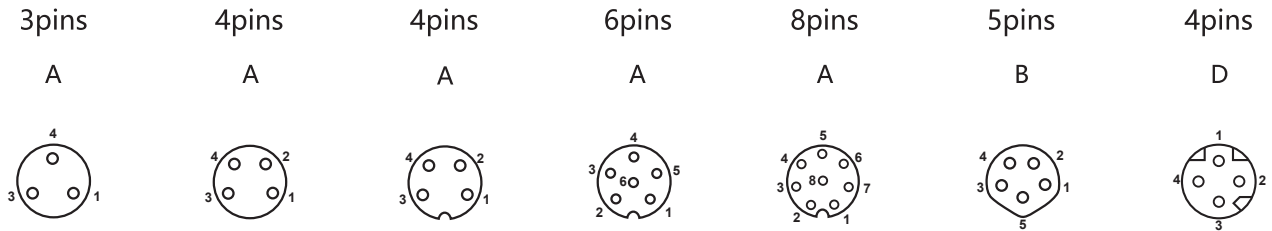
Product figure



Scale diagram



Contact layout (Front view)



### Order data

| Contacts | Coding        | Order No         |
|----------|---------------|------------------|
| 3pins    | A             | M08A03/FB2/BN/SC |
| 4pins    | A             | M08A04/FB2/BN/SC |
|          | A(fool-proof) | M08104/FB2/BN/SC |
|          | D             | M08D04/FB2/BN/SC |
| 5pins    | B             | M08B05/FB2/BN/SC |
| 6pins    | A             | M08A06/FB2/BN/SC |
| 8pins    | A             | M08A08/FB2/BN/SC |

### Specifications

| Number of contacts    | 3   | 4 A-coding | 4 D-coding | 5   | 6    | 8 |
|-----------------------|---|------------|------------|-----|------|---|
| Termination           | solder  |            |            |     |      |   |
| Wire gauge            | 0.14/0.25/0.34 mm <sup>2</sup> / (26/24/22 AWG) |            |            |     |      |   |
| Operating temperature | -25°C ~ +80°C                                   |            |            |     |      |   |
| Mechanical operation  | > 100 mating cycles                             |            |            |     |      |   |
| Rated voltage         | 50V AC / 60V DC                                 |            | 60V        | 30V |      |   |
| Rated current (40°C)  | 3A  |            | 4A         | 3A  | 1.5A |   |
| Protection degree     | IP67/IP68                                       |            |            |     |      |   |
| Contact resistance    | < 10mΩ  |            |            |     |      |   |
| Insulation resistance | ≥ 100MΩ   |            |            |     |      |   |
| Pin contact           | CuZn  |            |            |     |      |   |
| Socket contact        | CuSn  |            |            |     |      |   |
| Contact plating       | Au  |            |            |     |      |   |