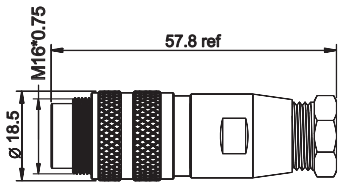
## Male assembly connector

Product figure

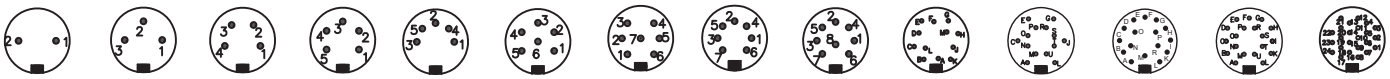


Scale diagram




Contact layout (Front view)

2pins 3pins 4pins 5pins 6pins 7pins 8pins 12pins 14pins 16pins 19pins 24pins



### Order Data

| Contacts | Order No |
|---|---|
| 2pins | M16A02/MFB/BN/SC |
| 3pins | M16A03/MFB/BN/SC |
| 4pins | M16A04/MFB/BN/SC |
| 5pins | M16A05/MFB/BN/SC |
| 5pins(DIN) | M16B05/MFB/BN/SC |
| 6pins | M16A06/MFB/BN/SC |
| 7pins | M16A07/MFB/BN/SC |
| 7pins(DIN) | M16B07/MFB/BN/SC |
| 8pins | M16A08/MFB/BN/SC |
| 12pins | M16A12/MFB/BN/SC |
| 14pins(DIN) | M16B14/MFB/BN/SC |
| 16pins | M16Z16/MFB/BN/SC |
| 19pins | M16A19/MFB/BN/SC |
| 24pins | M16Z24/MFB/BN/SC |

### Specifications

| Number of contacts | 2 | 3 | 4 | 5 | 5DIN | 6 | 7 | 7DIN | 8 | 12 | 14DIN | 16 | 19 | 24 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Termination | solder | | | | | | | | | | | | | |
| Wire gauge | max,0.5mm² (max,20AWG) | | | | | | | | | max,0.25mm² (max,24AWG) | | | | 0.14mm² 26AWG |
| Cable OD | 5~7.5mm | | | | | | | | | | | | | |
| Operating temperature | -25°C~+85°C | | | | | | | | | | | | | |
| Mechanical operation | >100 mating cycles | | | | | | | | | | | | | |
| Rated voltage | 100V | | | 63V | 32V | 63V | | | 32V | | | | | |
| Rated current (40℃) | 5A | | | | | | | | | 1A | | | | |
| Protection degree | IP67/IP68 | | | | | | | | | | | | | |
| Contact resistance | ≤5mΩ | | | | | | | | | ≤3mΩ | | | | |
| Insulation resistance | ≥100MΩ | | | | | | | | | | | | | |
| Pin contant | CuZn | | | | | | | | | | | | | |
| Socket contact | CuSn | | | | | | | | | | | | | |
| Contact plating | Au | | | | | | | | | | | | | |