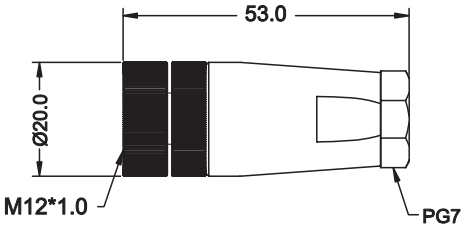
## Female assembly connector

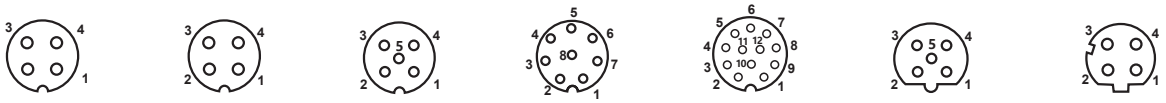
Product figure (PG7)

Scale diagram




Contact layout (Front view)

| 3pins | 4pins | 5pins | 8pins | 12pins | 5pins | 4pins |
|---|---|---|---|---|---|---|
| A | A | A | A | A | B | D |



### Order Data

| Contacts | Coding | Order No |
|---|---|---|
| 3pins | A | M12A03/FF7/PA/ST |
| 4pins | A | M12A04/FF7/PA/ST |
| | D | M12D04/FF7/PA/ST |
| 5pins | A | M12A05/FF7/PA/ST |
| | B | M12B05/FF7/PA/ST |
| 8pins | A | M12A08/FF7/PA/ST |
| 12pins | A | M12A12/FF7/PA/SC |

### Specifications

| Number of contacts | 3 | 4 | 5 | 8 | 12 |
|---|---|---|---|---|---|
| Termination | screw clamp | | | | solder |
| Wire gauge | 0.14/0.25/0.34/0.5mm² / (26/24/22/20 AWG) | | | | |
| Cable OD | 4~6mm | | | | |
| Operating temperature | -25°C~+85°C | | | | |
| Mechanical operation | > 100 mating cycles | | | | |
| Rated voltage | 250V | | 60V | 30V | |
| Rated current (40℃) | 4A | | | 2A | 1.5A |
| Protection degree | IP67/IP68 | | | | |
| Contact resistance | < 10mΩ | | | | |
| Insulation resistance | ≥100MΩ | | | | |
| Pin contact | CuZn | | | | |
| Socket contact | CuSn | | | | |
| Contact plating | Au | | | | |