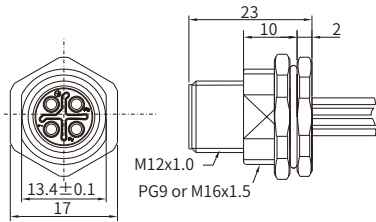


M12 S-coding (Power AC)

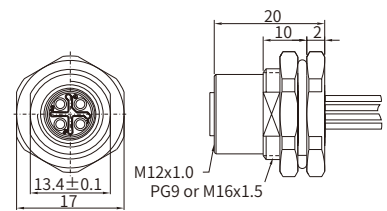


M12 S-coding Straight Connector, Panel Mount, Solder&Crimp, Front fastened

Male



Female



Specifications

| | |
|------------------------|---|
| Contacts | 4(3+PE) |
| Certification | PVVA(PVVA7).E496340 |
| Pin layout(Male) | |
| Pin layout(Female) | |
| Ambient temperature | -15°C~+85°C (flexible installation), -30°C~+85°C (fixed installation) |
| Customized temperature | -25°C ~ +85°C (flexible installation), -40°C ~ +85°C (fixed installation) |
| Connector insert | PA |
| Connector contacts | Brass with gold plated |
| Coupling nut/screw | Brass with nickel plated |
| Seal/O-ring | Epoxy resin / FKM |
| Insulation resistance | ≥100MΩ |
| Contact resistance | ≤5mΩ |
| Earth tag/pin | Unavailable |
| IP rating | IP67, IP68 in locked condition |
| Mating endurance | >500 cycles |
| Rated current | 12 A(40°C) |
| Rated voltage | 630V AC/DC |
| Wire gauge | 1.5mm ² (AWG16) |
| Panel cut-out | Refer to page 384 |

Part Number

| Pins | Cable length | Connection Type | Male | | Female | |
|------|--------------|-----------------|----------------------|----------------------|----------------------|----------------------|
| | | | M16x1.5 | PG9 | M16x1.5 | PG9 |
| 4 | 0.1m | Solder | MB12MSSFF04ST-215001 | MB12MSSFF04ST-315001 | MB12FSSFF04ST-215001 | MB12FSSFF04ST-315001 |
| | | | MB12MSSFF04ST-215003 | MB12MSSFF04ST-315003 | MB12FSSFF04ST-215003 | MB12FSSFF04ST-315003 |
| | 0.3m | Crimp | MB12MCSFF04ST-215001 | MB12MCSFF04ST-315001 | MB12FCSFF04ST-215001 | MB12FCSFF04ST-315001 |
| | | | MB12MCSFF04ST-215003 | MB12MCSFF04ST-315003 | MB12FCSFF04ST-215003 | MB12FCSFF04ST-315003 |

Default wire colors

| Pin No. | | |
|---------|-------|-------|
| Pin 1 | BN | RD |
| Pin 2 | BK | WH |
| Pin 3 | BU | GN |
| ⏏ | YE/GN | YE/GN |