# M12-D Circular Connector

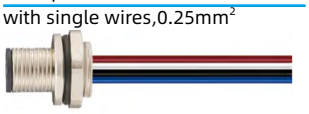
## 250V 4A

## Technical characteristics

| | |
|---|---|
| Number of contacts | 4 |
| Rated current (40°C ) | 4A |
| Rated voltage | 250V |
| Rated impulse voltage | 2500V |
| Pollution degree | 3 |
| Overvoltage categorie | II |
| Contact resistance | ⩽ 10 mΩ |
| Connector locking system | screw M12x1 |
| Termination | single wires |
| Wire gauge | max.0.75mm$^2$(AWG18) |
| Cable outlet | - |
| Degree of protection | IP67 |
| Mechanical operation | ＞ 100 |
| Limiting temperature | -40°C ...+85°C |
| Material group | II |
| Material of contact | copper alloy |
| Contact plating | Au |
| Insulating material | PA |
| Material of housing | zinc diecasting nickel plated |

## Receptacles

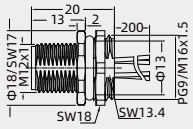
Male panel mount connector
with single wires,0.25mm$^2$



D-Code

4pin

| Contacts | Cable length | screw | Designation | Order No. |
|---|---|---|---|---|
| 4 | 0.5m | PG9 | M12-M04D-BK-PG9-W0.25 | 163 004 301 4003 |
| | 0.5m | M16x1.5 | M12-M04D-BK-M16-W0.25 | 163 204 301 4021 |

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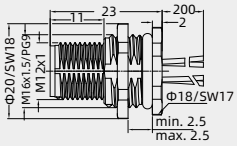
| Contacts | Cable length | screw | Designation | Order No. |
|---|---|---|---|---|
| 4 | 0.5m | PG9 | M12-M04D-BKR-PG9-W0.25 | 163 004 301 4014 |
| | 0.5m | M16x1.5 | M12-M04D-BKR-M16-W0.25 | 163 004 301 4016 |