

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              | crimp, moulded              |
| Wire gauge               | 0.34mm <sup>2</sup> (AWG22) |
| Cable outlet             | -                           |
| Degree of protection     | IP67                        |
| Mechanical operation     | > 500                       |
| Limiting temperature     | -20°C ...+60°C              |
| Material group           | II                          |
| Material of contact      | copper alloy                |
| Contact plating          | Au                          |
| Insulating material      | PA                          |
| Material of housing      | TPU                         |

Straight cable connectors, cable

Male cable connector, PROFINET

| Contacts | Cable length | Designation            | Order No.        |
|----------|--------------|------------------------|------------------|
| 4        | 1.5 m        | M12-M04D-T-1.5-PUR-PFN | 163 204 401 4081 |
|          | 5.0 m        | M12-M04D-T-5.0-PUR-PFN | 163 204 401 4082 |



D-Code



Male cable connector, Cat.5e Ethernet

| Contacts | Cable length | Designation               | Order No.        |
|----------|--------------|---------------------------|------------------|
| 4        | 1.5 m        | M12-M04D-T-1.5-PUR-Cat.5e | 163 204 401 4091 |
|          | 5.0 m        | M12-M04D-T-5.0-PUR-Cat.5e | 163 204 401 4092 |



D-Code

