

## 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              | PUR-cable                     |
| Wire gauge               | AWG 22                        |
| Cable outlet             | -                             |
| Degree of protection     | IP67                          |
| Mechanical operation     | > 100                         |
| Limiting temperature     | -20°C ...+60°C                |
| Material group           | II                            |
| Material of contact      | copper alloy                  |
| Contact plating          | Au                            |
| Insulating material      | PA                            |
| Material of housing      | zinc diecasting nickel plated |

## Receptacles

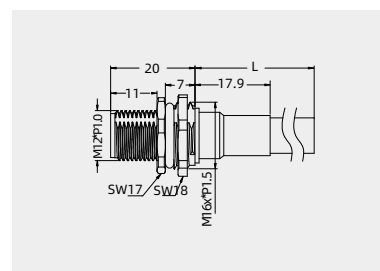
Male panel mount connector ,  
PROFINET-cable, shielded

D-Code



4pin

| Contacts | Cable length | screw   | Designation         | Order No.        |
|----------|--------------|---------|---------------------|------------------|
| 4        | 0.5m         | PG9     | M12-M04D-BK-PG9-PFN | 163 004 301 4017 |
|          | 0.5m         | M16x1.5 | M12-M04D-BK-M16-PFN | 163 204 301 4022 |

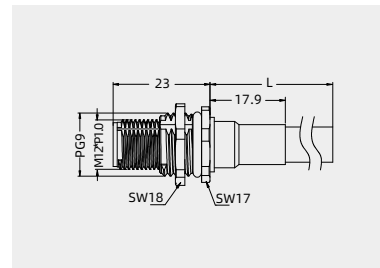
Male panel mount connector ,  
PROFINET-cable, shielded

D-Code



4pin

| Contacts | Cable length | screw   | Designation          | Order No.        |
|----------|--------------|---------|----------------------|------------------|
| 4        | 0.5m         | PG9     | M12-M04D-BKR-PG9-PFN | 163 204 301 4012 |
|          | 0.5m         | M16x1.5 | M12-M04D-BKR-M16-PFN | 163 004 301 4018 |



M12-D