

## M12-X Circular Connector

50V/60V 0.5A

## Technical characteristics

|                          |                               |
|--------------------------|-------------------------------|
| Number of contacts       | 8                             |
| Rated current (40°C )    | 0.5A                          |
| Rated voltage            | 50V a.c / 60V d.c             |
| Rated impulse voltage    | 0.8kV                         |
| Pollution degree         | 3                             |
| Contact resistance       | ≤ 10 mΩ                       |
| Insulation resistance    | ≥ 10 mΩ                       |
| Connector locking system | screw M12x1                   |
| Wire gauge               | 0.14mm <sup>2</sup> (AWG 26)  |
| Degree of protection     | IP67                          |
| Mechanical operation     | ≥ 100                         |
| Limiting temperature     | -40°C ...+85°C                |
| Material of contact      | copper alloy                  |
| Contact plating          | Au                            |
| Insulating material      | PA                            |
| Material of housing      | zinc diecasting nickel plated |

## Straight cable connectors, cable

## Male cable connector



X-Code



8pin

| Contacts | Cable length | Designation               | Order No.        |
|----------|--------------|---------------------------|------------------|
| 8        | 1.5 m        | M12-M08X-T-1.5-PUR-Cat.6a | 163 008 401 4001 |
|          | 5.0 m        | M12-M08X-T-5.0-PUR-Cat.6a | 163 008 401 4002 |

