

**M12 Power T-coded male 0° / female 0°**

PUR 4x1.5 bk UL/CSA+drag chain 5m

Male straight – female straight

M12 – M12, 4-pole

T-coded

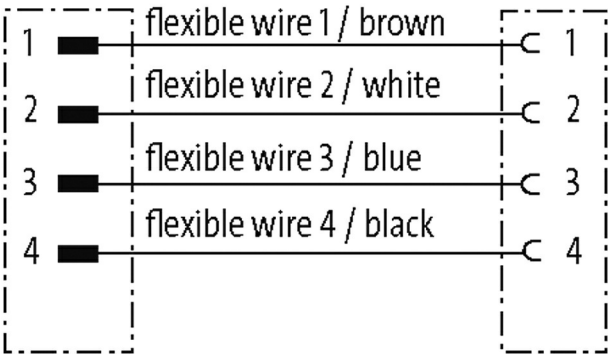
Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

**Link to Product**

**Illustration**



Product may differ from Image

| Form                       |                                          |
|----------------------------|------------------------------------------|
| Form                       | P7241                                    |
| General data               |                                          |
| Standards                  | IEC 61076-2-111                          |
| Pollution Degree           | 3                                        |
| Temperature range          | -25...+85 °C, depending on cable quality |
| Material (gasket)          | FKM                                      |
| Cables                     |                                          |
| Cable number               | 782                                      |
| No./diameter of wires      | 4× 1.5 mm²                               |
| Wire isolation             | TPE (bk num)                             |
| C-track properties         | 5 Mio.                                   |
| Jacket Color               | black                                    |
| Material (jacket)          | PUR (UL/CSA)                             |
| Outer Ø                    | 7.7 mm ±5%                               |
| Bend radius (moving)       | 10× outer Ø                              |
| Temperature range (fixed)  | -50...+80 °C                             |
| Temperature range (mobile) | -20...+70 °C                             |
| Cable identification       | 782                                      |
| Approval (cable)           | UL (AWM-Style 20233), CSA                |

|                                 |                                                                           |
|---------------------------------|---------------------------------------------------------------------------|
| Cable weight [g/m]              | 114,40                                                                    |
| Material (wire)                 | Cu wire, bare                                                             |
| Resistor (core)                 | max. 13.3 $\Omega$ /km (20 °C)                                            |
| Single wire Ø (core)            | 0.15 mm                                                                   |
| Construction (core)             | 84× 0.15 mm (multi-strand wire class 6)                                   |
| Diameter (core)                 | 4× 1.5 mm <sup>2</sup>                                                    |
| AWG                             | similar to AWG 16                                                         |
| Material (wire isolation)       | TPE-E                                                                     |
| Wire-Ø incl. isolation          | 2.4 mm ±5%                                                                |
| Color/numbering of wires        | bk numbered                                                               |
| Shield                          | no                                                                        |
| Material (jacket)               | PUR                                                                       |
| Outer-Ø (jacket)                | 7.7 mm ±5%                                                                |
| Color (jacket)                  | black                                                                     |
| chemical resistance             | good resistance to oil, gasoline and chemicals (VDE 0472 Teil 803 Test B) |
| thermal resistance              | flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2        |
| Nominal voltage                 | 300 V AC                                                                  |
| Test voltage                    | 2000 V AC                                                                 |
| Current load capacity           | to DIN VDE 0298-4                                                         |
| Temperature range (fixed)       | -50...+80 °C                                                              |
| Temperature range (mobile)      | -20...+70 °C                                                              |
| Bend radius (fixed)             | 5× outer Ø                                                                |
| Bend radius (moving)            | 10× outer Ø                                                               |
| No. of bending cycles (C-track) | max. 5 Mio. (25 °C)                                                       |
| Traversing distance (C-track)   | max. 5 m (horizontal)                                                     |
| Travel speed (C-track)          | max. 3.3 m/s                                                              |
| Acceleration (C-track)          | max. 5 m/s <sup>2</sup>                                                   |
| Torsion stress                  | ±180°/m                                                                   |
| No. of torsion cycles           | max. 2 Mio. (25 °C)                                                       |
| Torsion speed                   | 35 cycles/min                                                             |

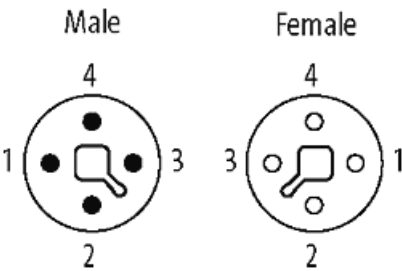
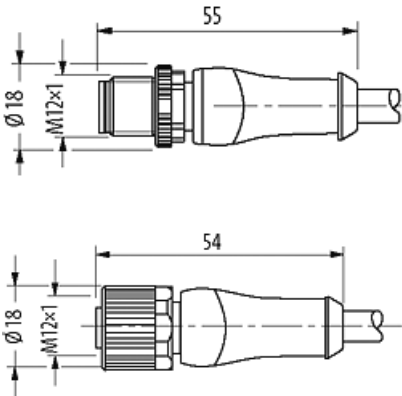
#### Technical Data

|                                           |                                                                  |
|-------------------------------------------|------------------------------------------------------------------|
| Operating voltage                         | max. 63 V AC/DC                                                  |
| Rated surge voltage                       | 1.5 kV                                                           |
| Operating current per contact             | max. 12 A                                                        |
| Material group                            | IEC 60664-1, category I                                          |
| Coding                                    | T-coded                                                          |
| Locking of ports                          | Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing |
| Compression gland                         | M12 (SW17)                                                       |
| Protection                                | IP65 and IP67 when plugged and screwed down (EN 60529)           |
| Locking material                          | Zinc die casting, matte nickel plated                            |
| Material                                  | PUR                                                              |
| suitable for corrugated tube (internal Ø) | 12 mm                                                            |

#### Commercial data

|                       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85444290      |
| EAN                   | 4048879797924 |
| eClass                | 27279218      |
| Packaging unit        | 1             |

#### Sketch



Product may differ from Image