

**Mini (7/8) 3 pole, Male (Ext.) 0° w/ Cable**

PUR 3x1.5 (3x16AWG) bk UL/CSA

Art.No.: 7700-A3001-UMB1500

Weight: 1.609

Country of origin: DE

Model designation: MSCAL0-UUMB\_15.0

Male straight

7/8" (3-pole)

Power cable

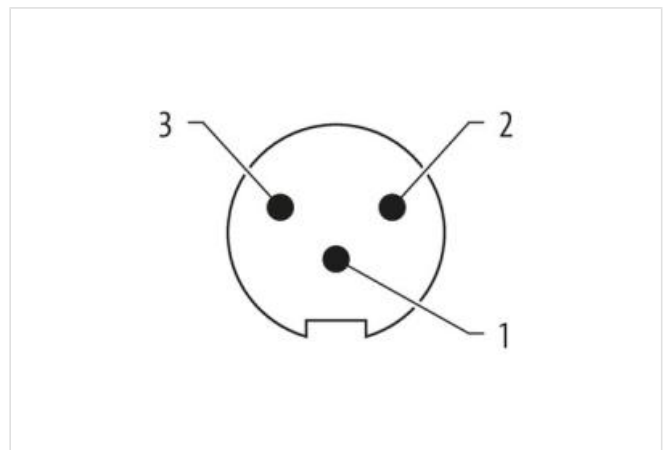
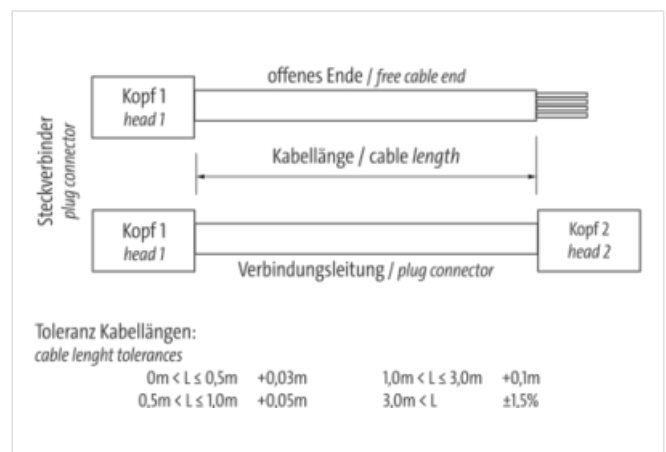
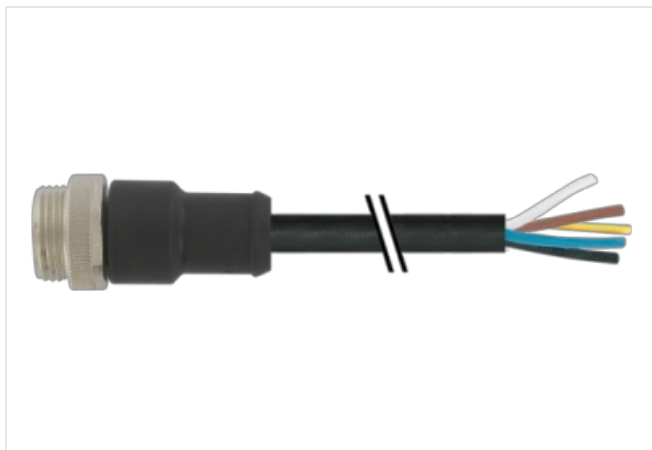
USA

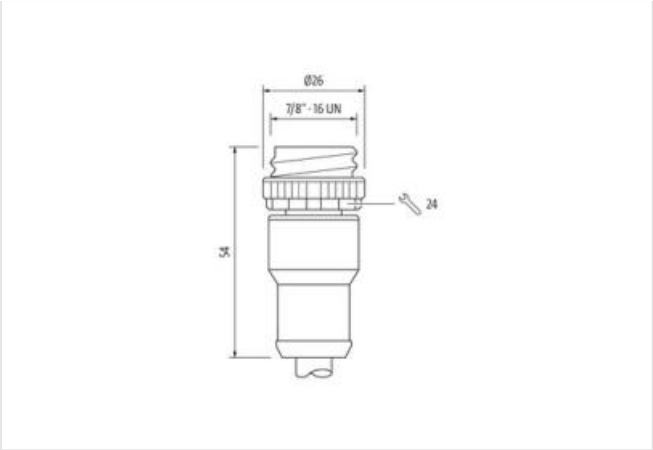
without cable sleeves

Further cable lengths on request.

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.

[Link to Product](#)**Illustration**



Product may differ from Image



|                                           |                   |
|-------------------------------------------|-------------------|
| Cable length                              | 15 m              |
| Side 1                                    |                   |
| Tightening torque                         | 1,5 Nm            |
| Mounting method                           | inserted, screwed |
| Family construction form                  | 7/8"              |
| Thread                                    | 7/8"              |
| suitable for corrugated tube (internal Ø) | 17,8 mm           |
| No. of poles                              | 3                 |
| Width across flats                        | SW24              |
| Commercial data                           |                   |
| ECLASS-6.0                                | 27279218          |
| ECLASS-6.1                                | 27279218          |
| ECLASS-7.0                                | 27279218          |
| ECLASS-8.0                                | 27279218          |
| ECLASS-9.0                                | 27060327          |
| ECLASS-10.1                               | 27060311          |
| ECLASS-11.1                               | 27060311          |
| ECLASS-12.0                               | 27060327          |
| ETIM-5.0                                  | EC001855          |
| customs tariff number                     | 85444290          |
| customs tariff number                     | 85444290          |
| GTIN                                      | 4048879627245     |
| GTIN                                      | 4048879627245     |
| Packaging unit                            | 1                 |
| Packaging unit                            | 1                 |
| Electrical data   Supply                  |                   |
| Operating voltage AC max.                 | 600 V             |
| Operating voltage DC max.                 | 600 V             |
| Current operating per contact max.        | 12 A              |
| Diagnostics                               |                   |
| Status indication LED                     | no                |
| Device protection   Electrical            |                   |

|                                        |                   |
|----------------------------------------|-------------------|
| Degree of protection (EN IEC 60529)    | IP68              |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree                       | 3                 |
| Rated surge voltage                    | 2,5 kV            |

**Mechanical data | Material data**

|                  |                  |
|------------------|------------------|
| Material housing | PUR              |
| Coating locking  | Nickeled         |
| Locking material | Zinc die-casting |

**Mechanical data | Mounting data**

|                 |                                       |
|-----------------|---------------------------------------|
| Mounting method | inserted, screwed, Shaking protection |
|-----------------|---------------------------------------|

**Environmental characteristics | Climatic**

|                                        |                            |
|----------------------------------------|----------------------------|
| Operating temperature min.             | -25 °C                     |
| Operating temperature max.             | 80 °C                      |
| Additional condition temperature range | depending on cable quality |

**Important installation notes**

|                        |                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note on strain relief  | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.                                                   |
| Note on bending radius | <b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |

**Installation | Cable**

|                                      |                                                      |
|--------------------------------------|------------------------------------------------------|
| wire arrangement                     | brown, blue, green-yellow                            |
| Cable identification                 | UMB                                                  |
| Jacket Color                         | black                                                |
| wire arrangement                     | brown, blue, green-yellow                            |
| Material jacket                      | PUR                                                  |
| Outer-diameter (jacket)              | 7,4 mm                                               |
| Tolerance outer diameter (sheath)    | ± 5 %                                                |
| Material wire insulation             | TPM                                                  |
| Amount wires                         | 3                                                    |
| Conductor crosssection (wire)        | 1,5 mm <sup>2</sup>                                  |
| Min. operating temperature (static)  | -40 °C                                               |
| Max. operating temperature (fixed)   | 80 °C                                                |
| Operating temperature min. (dynamic) | -20 °C                                               |
| Operating temperature max. (dynamic) | 80 °C                                                |
| Flame resistance                     | IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2  |
| chemical resistance                  | Good, application-related testing                    |
| Gasoline resistance                  | Good, application-related testing                    |
| Oil resistance                       | Good, application-related testing   DIN EN 60811-404 |
| Bending radius (fixed)               | 7,5 x Outer diameter                                 |
| Bending radius (dynamic)             | 10 x Outer diameter                                  |
| No. of bending cycles (C-track)      | 5 Mio.                                               |

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Murrelektronik:](#)

[7700-A3001-UMB1500](#)