

**M12 Power L-coded 5pol. male 90° / female 90°**

TPE 5x16AWG ye UL/CSA, TC-ER, IEC 3m

Art.No.: 7700-P4271-U0D0300

Weight: 0.502 kg

Country of origin: US

Model designation: MSW DLL0-WCL-UU0D\_3.0

USA

Power

M12 – M12, 5-pole

Male 90° – female 90°

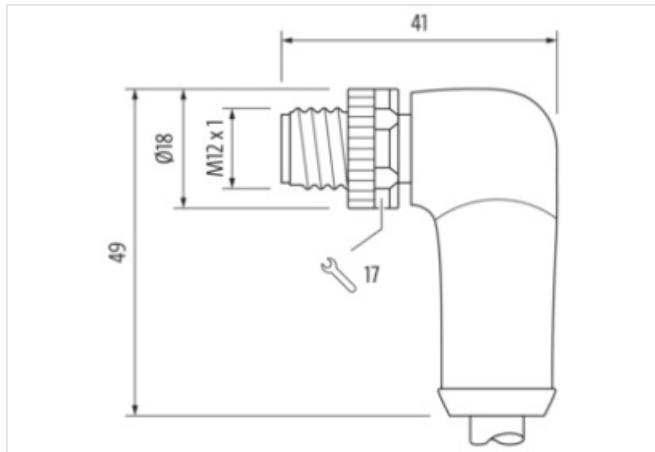
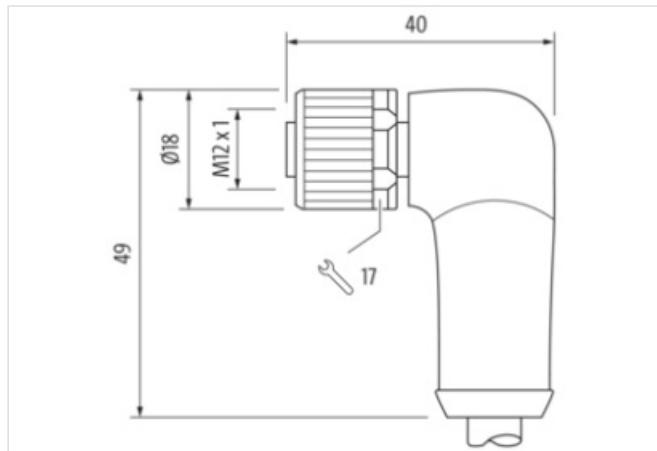
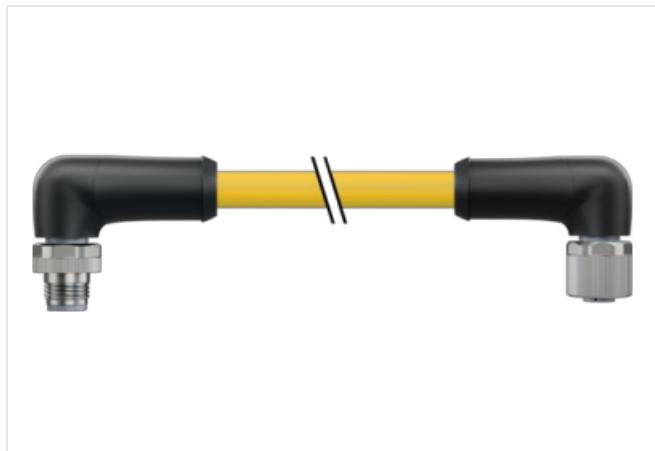
L-coded

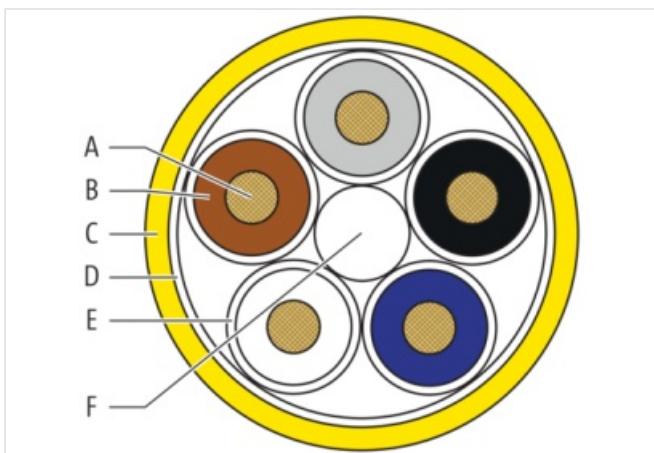
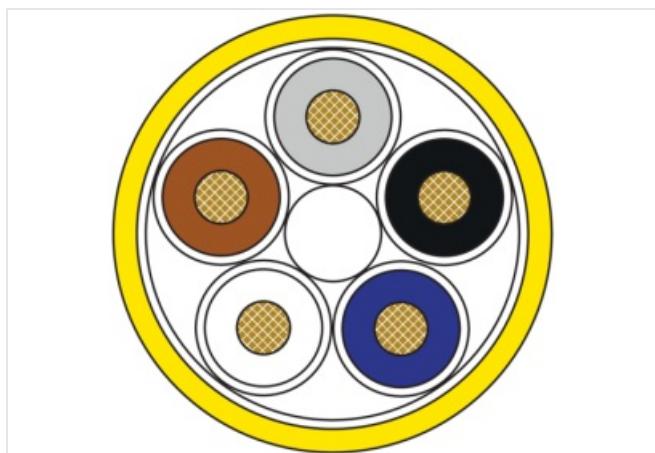
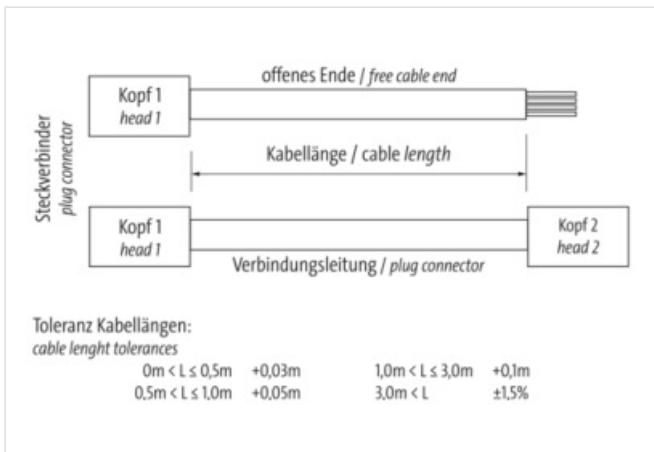
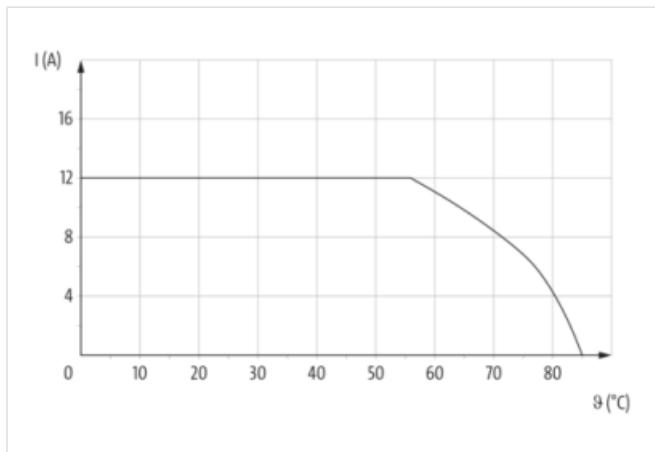
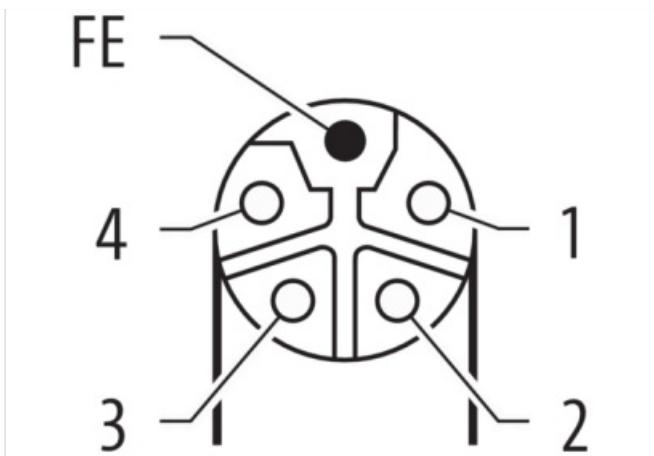
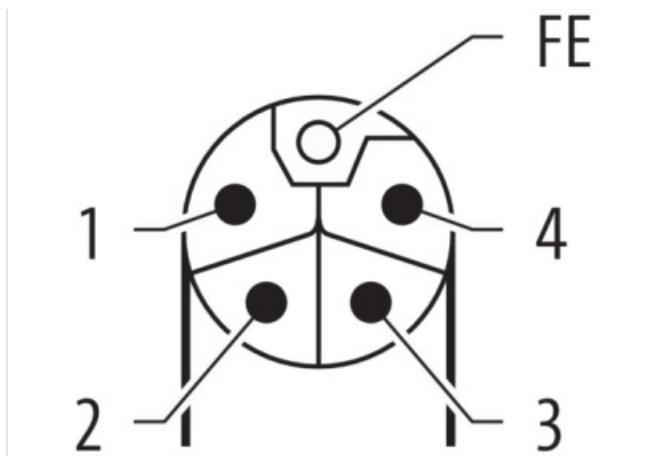
without cable sleeves

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

**Header**

Material short text MSWDLL0-WCL-UU0D\_3.0

Cable length 3,00 m

**Side 1**

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness, completeness and topicality of the information is restricted to gross negligence. Version: 2026-02-03

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|   |                   |
|---|-------------------|
| Family construction form                  | M12P              |
| No. of poles                              | 5                 |
| Coding                                    | L                 |
| Gender                                    | male              |
| Mounting method                           | inserted, screwed |
| Threaded hole                             | M12 x 1           |
| Tightening torque                         | 0,6 Nm            |
| Width across flats                        | SW17              |
| Cable outlet                              | angled            |
| suitable for corrugated tube (internal Ø) | 16,4 mm           |
| Material contact                          | Copper alloy      |
| Coating contact                           | gold plated       |
| Degree of protection (EN IEC 60529)       | IP67, IP65        |

**Side 2**

|   |                   |
|---|-------------------|
| Family construction form                  | M12P              |
| No. of poles                              | 5                 |
| Coding                                    | L                 |
| Gender                                    | female            |
| Mounting method                           | inserted, screwed |
| Threaded hole                             | M12 x 1           |
| Tightening torque                         | 0,6 Nm            |
| Width across flats                        | SW17              |
| Cable outlet                              | angled            |
| suitable for corrugated tube (internal Ø) | 16,4 mm           |
| Material contact                          | Copper alloy      |
| Coating contact                           | gold plated       |
| Degree of protection (EN IEC 60529)       | IP67, IP65        |

**Commercial data**

|                       |   |
|-----------------------|---|
| URL Webshop           | <a href="https://shop.murrelektronik.com/7700-P4271-U0D0300">https://shop.murrelektronik.com/7700-P4271-U0D0300</a> |
| GTIN                  | 4048879851282   |
| ECLASS-6.0            | 27279218  |
| ECLASS-6.1            | 27279218  |
| ECLASS-7.0            | 27279218  |
| ECLASS-7.1            | 27279218  |
| ECLASS-8.0            | 27279218  |
| ECLASS-8.1            | 27279218  |
| ECLASS-9.0            | 27060327  |
| ECLASS-9.1            | 27060311  |
| ECLASS-10.0.1         | 27060311  |
| ECLASS-10.1           | 27060311  |
| ECLASS-11.0           | 27060311  |
| ECLASS-11.1           | 27060311  |
| ECLASS-12.0           | 27060327  |
| ECLASS-13.0           | 27060311  |
| ECLASS-14.0           | 27060311  |
| ETIM-5.0              | EC001855  |
| ETIM-6.0              | EC001855  |
| ETIM-7.0              | EC001855  |
| ETIM-8.0              | EC001855  |
| customs tariff number | 85444290  |
| EAN                   | 4048879851282   |
| Packaging unit        | 1   |
| customs tariff number | 85444290  |

|   |   |
|---|---|
| EAN   | 4048879851282   |
| Packaging unit                                  | 1   |
| <b>Electrical data   Supply</b>                 |   |
| Operating voltage DC max.                       | 63 V  |
| Current operating per contact max.              | 12 A  |
| <b>Diagnostics</b>                              |   |
| Status indication LED                           | No  |
| <b>Installation   Connection</b>                |   |
| Width across flats                              | SW17  |
| Mating cycles min.                              | 100   |
| <b>Device protection   Electrical</b>           |   |
| Degree of protection (EN IEC 60529)             | IP67, IP65  |
| Additional condition protection degree          | inserted, screwed   |
| Pollution Degree                                | 3   |
| Rated surge voltage                             | 1,5 kV  |
| Material group (IEC 60664-1)                    | I   |
| <b>Mechanical data   Material data</b>          |   |
| Material housing                                | PUR   |
| Material screw connection                       | Brass   |
| Coating of fitting                              | nickel plated   |
| Material gasket                                 | FKM   |
| <b>Mechanical data   Mounting data</b>          |   |
| Mounting method                                 | inserted, screwed, Shaking protection   |
| <b>Environmental characteristics   Climatic</b> |   |
| Operating temperature min.                      | -30 °C  |
| Operating temperature max.                      | 85 °C   |
| Additional condition temperature range          | depending on cable quality  |
| <b>Important installation notes</b>             |   |
| 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. |
| Note on strain relief                           | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.   |
| <b>Conformity</b>                               |   |
| Product standard                                | EN IEC 61076-2-111  |
| <b>Installation   Cable</b>                     |   |
| Cable identification                            | U0D   |
| Amount stranding                                | 1   |
| Stranding                                       | Wires   |
| Banding   | Foil  |
| Filler  | Yes   |
| Wire arrangement                                | brown, black, blue, white, gray   |
| Cable weight                                    | 131 g/m   |
| Material wire insulation                        | PVC   |
| Amount wires                                    | 5   |
| Outer diameter insulation                       | 2,62 mm   |
| Outer diameter tolerance core insulation        | ± 0,05 mm   |
| Ingredient freeness wire insulation             | lead-free, CFC-free   |
| Amount strands (wire)                           | 65  |
| Diameter of single wires                        | 16 AWG  |
| Conductor crosssection (wire)                   | 16 AWG  |
| Material conductor wire                         | Stranded copper wire, bare  |
| Outer-diameter (jacket)                         | 9,78 mm   |

|                                      |   |
|--------------------------------------|---|
| Tolerance outer diameter (sheath)    | ± 5 %                                       |
| Material jacket                      | TPE   |
| Freedom from ingredients (jacket)    | lead-free, CFC-free, halogen-free           |
| Conductor resistance (wire)          | 13.2 Ω/km @ 20 °C                           |
| Nominal voltage max.                 | 600 V                                       |
| Withstand voltage (wire - wire)      | 6 kV @ 60 s                                 |
| Withstand voltage (wire - jacket)    | 6 kV @ 60 s                                 |
| Current load capacity (standard)     | according to NFPA-70 (NEC) : 400.5(A) (1-3) |
| Current load capacity max. (wire)    | 8 A   |
| Operating temperature min. (static)  | -50 °C                                      |
| Operating temperature max. (static)  | 105 °C                                      |
| Operating temperature min. (dynamic) | -20 °C                                      |
| Operating temperature max. (dynamic) | 90 °C                                       |
| Bending radius (fixed)               | 8 × Outer diameter                          |
| Bending radius (dynamic)             | 10 × Outer diameter                         |
| No. of bending cycles (C-track)      | 2 Mio.                                      |