

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

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

Art.No.: 7700-P4271-U0D0500

Weight: 0.790 kg Country of origin: US

Model designation: MSWDLL0-WCL-UU0D\_5.0

USA Power M12 – M12, 5-pole Male 90° – female 90° L-coded

without cable sleeves Plastic housings with good resistance against chemicals and oils.

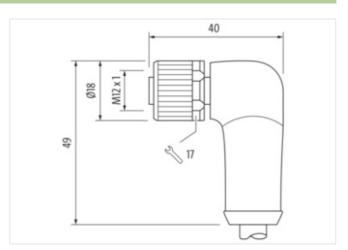
The resistance to aggressive media should be individually tested for your application. Further details on request.

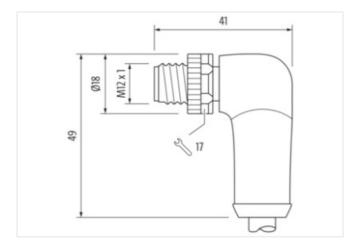
Further cable lengths on request.

## **Link to Product**

## Illustration



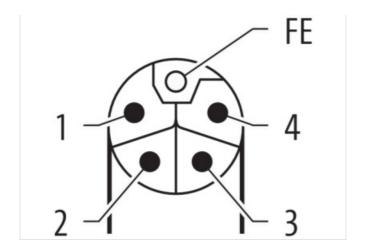


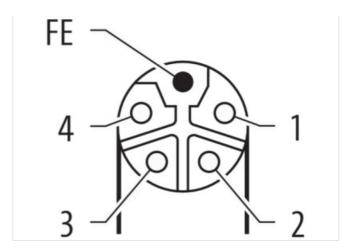


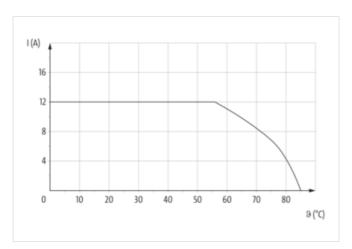


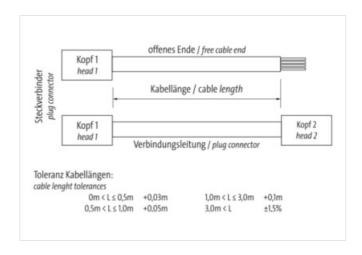


stay connected

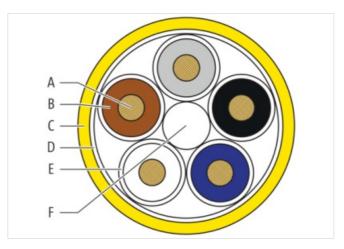












Product may differ from Image









MSWDLL0-WCL-UU0D\_5.0 Material short text

Cable length 5,00 m

Side 1



stay connected

| Family construction form   | M12P  |
|--|---|
|  | 5   |
| No. of poles  Coding   | L L   |
|  |   |
| Gender  Mounting method  | male  |
| Mounting method  Threaded hole   | inserted, screwed 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  |
| Dogroe of protection (LIVILO 00023)  | 6.7, 66   |
| Commercial data  |   |
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|  | https://shop.murrelektronik.com/7700-P4271-U0D0500 4048879851312  |
| Commercial data URL Webshop  | https://shop.murrelektronik.com/7700-P4271-U0D0500  |
| Commercial data URL Webshop GTIN   | https://shop.murrelektronik.com/7700-P4271-U0D0500<br>4048879851312   |
| Commercial data URL Webshop GTIN ECLASS-6.0 ECLASS-6.1   | https://shop.murrelektronik.com/7700-P4271-U0D0500<br>4048879851312<br>27279218   |
| Commercial data URL Webshop GTIN ECLASS-6.0  | https://shop.murrelektronik.com/7700-P4271-U0D0500 4048879851312 27279218 27279218  |
| Commercial data  URL Webshop  GTIN  ECLASS-6.0  ECLASS-6.1  ECLASS-7.0   | https://shop.murrelektronik.com/7700-P4271-U0D0500 4048879851312 27279218 27279218 27279218   |
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| Commercial data  URL Webshop  GTIN  ECLASS-6.0  ECLASS-6.1  ECLASS-7.0  ECLASS-7.1  ECLASS-8.0  ECLASS-8.1  ECLASS-9.0  ECLASS-9.1  ECLASS-10.0.1  ECLASS-11.0  ECLASS-11.1  | https://shop.murrelektronik.com/7700-P4271-U0D0500  4048879851312  27279218  27279218  27279218  27279218  27279218  27279218  27279218  27279218  27060327  27060311  27060311  27060311  27060311   |
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| Commercial data  URL Webshop  GTIN  ECLASS-6.0  ECLASS-6.1  ECLASS-7.0  ECLASS-7.1  ECLASS-8.0  ECLASS-8.1  ECLASS-9.0  ECLASS-9.1  ECLASS-10.0.1  ECLASS-11.0  ECLASS-11.1  ECLASS-11.0  ECLASS-11.0  ECLASS-11.0  ECLASS-11.1  ECLASS-11.0  ECLASS-11.0 | https://shop.murrelektronik.com/7700-P4271-U0D0500  4048879851312  27279218  27279218  27279218  27279218  27279218  27279218  27279218  27060327  27060311  27060311  27060311  27060311  27060311  27060311  27060311  27060311  27060311  27060311  27060311  27060355  EC001855  EC001855  EC001855   |
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| Commercial data  URL Webshop  GTIN  ECLASS-6.0  ECLASS-6.1  ECLASS-7.0  ECLASS-7.1  ECLASS-8.0  ECLASS-8.1  ECLASS-9.0  ECLASS-9.1  ECLASS-10.0.1  ECLASS-11.0  ECLASS-11.1  ECLASS-11.0  ECLASS-11.0  ECLASS-11.0  ECLASS-11.1  ECLASS-11.0  ECLASS-11.0 | https://shop.murrelektronik.com/7700-P4271-U0D0500  4048879851312  27279218  27279218  27279218  27279218  27279218  27279218  27279218  27060327  27060311  27060311  27060311  27060311  27060311  27060311  27060311  27060311  27060311  27060311  27060311  27060355  EC001855  EC001855  EC001855   |



stay connected

| EAN   | 4048879851312   |
|---|---|
| Packaging unit  | 1   |
| Electrical data   Supply  |   |
| Operating voltage DC max.   | 63 V  |
| Current operating per contact max.  | 12 A  |
| Diagnostics   |   |
| -   |   |
| Status indication LED   | No  |
| Installation   Connection   |   |
| Width across flats  | SW17  |
| Mating cycles min.  | 100   |
| Device protection   Electrical  |   |
| 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)  | T T   |
| Mechanical data   Material data   |   |
| Material housing  | PUR   |
| Material screw connection   | Brass   |
| Coating of fitting  | nickel plated   |
| Material gasket   | FKM   |
| Mechanical data   Mounting data   |   |
|   | install arranged Challing austration  |
| Mounting method   | inserted, screwed, Shaking protection   |
| Environmental characteristics   Climatic  |   |
| Operating temperature min.  | -30 °C  |
| Operating temperature max.  | 85 °C   |
| Additional condition temperature range  | depending on cable quality  |
| Important installation notes  |   |
| 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   |   |
| Note on strain relief   | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.   |
| Conformity  | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.   |
|   | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  EN IEC 61076-2-111                               |
| Conformity Product standard   |   |
| Conformity Product standard Installation   Cable  | EN IEC 61076-2-111  |
| Conformity Product standard Installation   Cable Cable identification   | EN IEC 61076-2-111<br>U0D   |
| Conformity Product standard Installation   Cable Cable identification Amount stranding  | U0D 1   |
| Conformity Product standard Installation   Cable Cable identification Amount stranding Stranding  | EN IEC 61076-2-111  U0D  1  Wires   |
| Conformity Product standard Installation   Cable Cable identification Amount stranding Stranding Banding  | EN IEC 61076-2-111  U0D  1  Wires  Foil   |
| Conformity Product standard Installation   Cable Cable identification Amount stranding Stranding Banding Filler   | EN IEC 61076-2-111  U0D  1  Wires  Foil  Yes  |
| Conformity Product standard Installation   Cable Cable identification Amount stranding Stranding Banding Filler Wire arrangement  | EN IEC 61076-2-111  U0D  1  Wires  Foil  Yes  brown, black, blue, white, gray   |
| Conformity Product standard Installation   Cable Cable identification Amount stranding Stranding Banding Filler Wire arrangement Cable weigth   | EN IEC 61076-2-111  U0D  1  Wires  Foil  Yes  brown, black, blue, white, gray  131 g/m  |
| Conformity Product standard Installation   Cable Cable identification Amount stranding Stranding Banding Filler Wire arrangement Cable weigth Material wire insulation  | EN IEC 61076-2-111  U0D  1  Wires  Foil  Yes  brown, black, blue, white, gray  131 g/m  PVC   |
| Conformity Product standard Installation   Cable Cable identification Amount stranding Stranding Banding Filler Wire arrangement Cable weigth Material wire insulation Amount wires   | EN IEC 61076-2-111  U0D  1  Wires  Foil  Yes  brown, black, blue, white, gray  131 g/m  PVC  5  |
| Conformity Product standard Installation   Cable Cable identification Amount stranding Stranding Banding Filler Wire arrangement Cable weigth Material wire insulation Amount wires Outer diameter insulation   | EN IEC 61076-2-111  U0D  1  Wires  Foil  Yes  brown, black, blue, white, gray  131 g/m  PVC  5  2,62 mm   |
| Conformity Product standard Installation   Cable Cable identification Amount stranding Stranding Banding Filler Wire arrangement Cable weigth Material wire insulation Amount wires Outer diameter insulation Outer diameter core insulation  | EN IEC 61076-2-111  U0D  1  Wires  Foil  Yes  brown, black, blue, white, gray  131 g/m  PVC  5  2,62 mm  ± 0,05 mm                                    |
| Conformity  Product standard  Installation   Cable  Cable identification  Amount stranding  Stranding  Banding  Filler  Wire arrangement  Cable weigth  Material wire insulation  Amount wires  Outer diameter insulation  Outer diameter tolerance core insulation  Ingredient freeness wire insulation                                  | EN IEC 61076-2-111  U0D  1  Wires  Foil  Yes  brown, black, blue, white, gray  131 g/m  PVC  5  2,62 mm  ± 0,05 mm  lead-free, CFC-free               |
| Conformity Product standard Installation   Cable Cable identification Amount stranding Stranding Banding Filler Wire arrangement Cable weigth Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Ingredient freeness wire insulation Amount strands (wire)                          | EN IEC 61076-2-111  U0D  1  Wires  Foil  Yes  brown, black, blue, white, gray  131 g/m  PVC  5  2,62 mm  ± 0,05 mm                                    |
| Conformity Product standard Installation   Cable Cable identification Amount stranding Stranding Banding Filler Wire arrangement Cable weigth Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires | EN IEC 61076-2-111  U0D  1  Wires  Foil  Yes  brown, black, blue, white, gray  131 g/m  PVC  5  2,62 mm  ± 0,05 mm  lead-free, CFC-free  65  16 AWG   |
| Conformity Product standard Installation   Cable Cable identification Amount stranding Stranding Banding Filler Wire arrangement Cable weigth Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Ingredient freeness wire insulation Amount strands (wire)                          | EN IEC 61076-2-111  U0D  1  Wires  Foil  Yes  brown, black, blue, white, gray  131 g/m  PVC  5  2,62 mm  ± 0,05 mm  lead-free, CFC-free  65           |

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: 2025-12-20



| 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 AC 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 min. 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.                                     |