**7/8" male 0° / 7/8" female 90°**

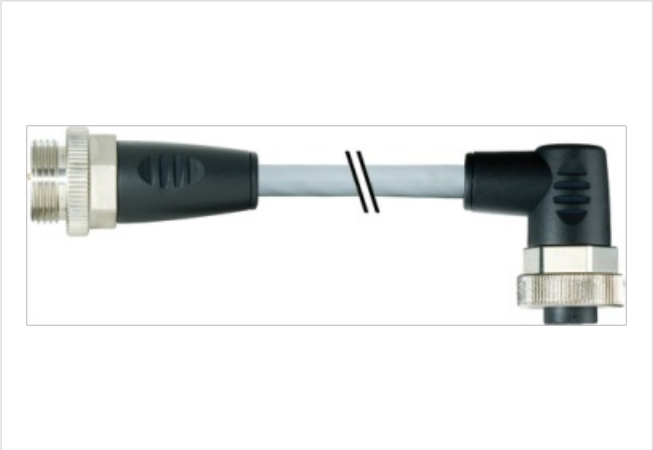
PUR 5x1.0 gy 0.3m

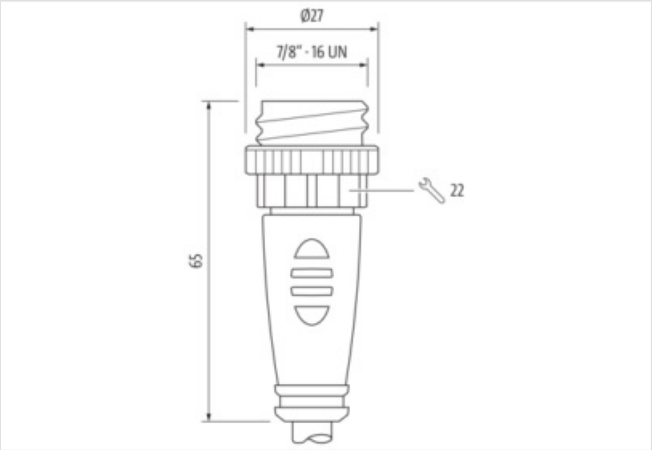
Art.No.: 7000-50031-9650030
Weight: 0.138
Country of origin: CZ
Model designation: MSCDL0-CA-U965_0.3

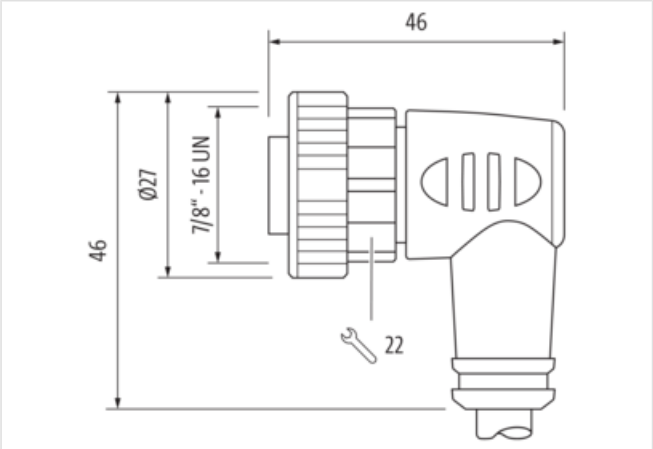
7/8" – 7/8", 5-pole
Power cable
Further cable lengths on request.
Plastic housings with good resistance against chemicals and oils.
Male straight – females 90°
The resistance to aggressive media should be individually tested for your application. Further details on request.

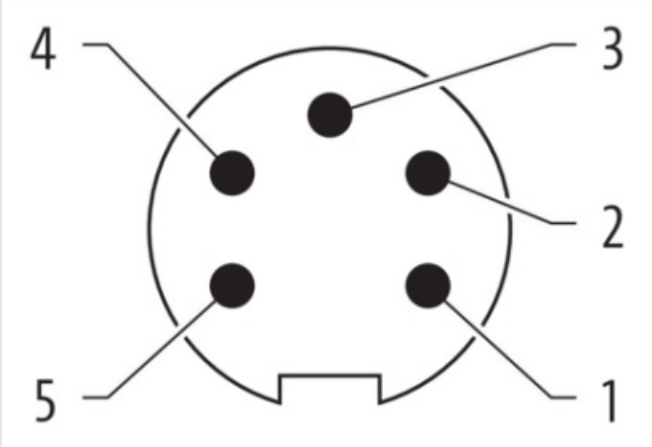
## Link to Product

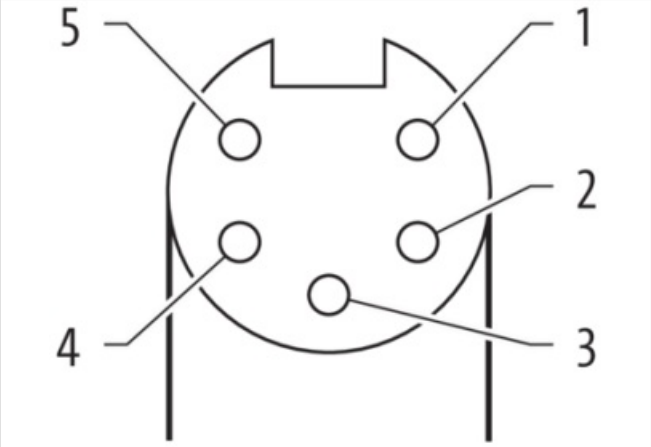
**Illustration**

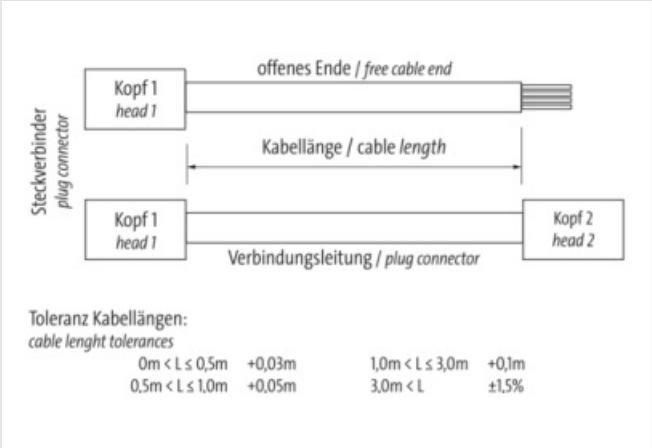


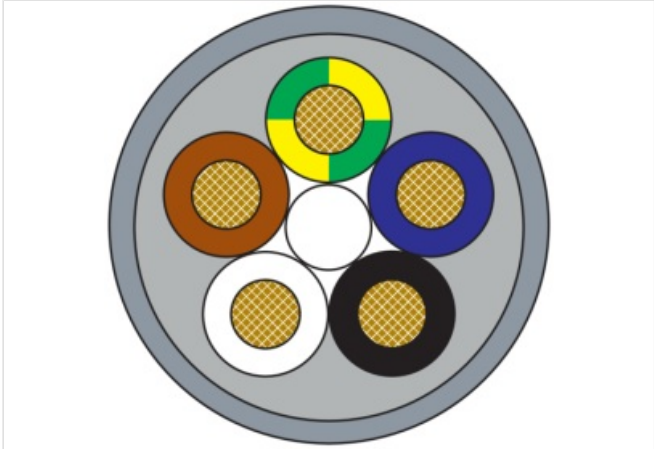


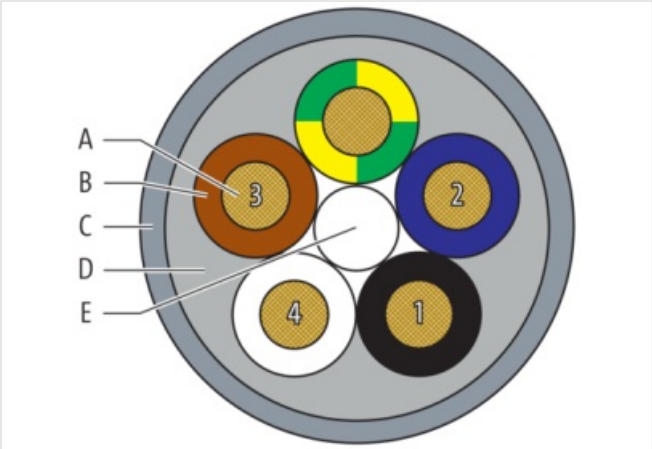






Product may differ from Image

| Header | |
|---|---|
| Material short text | MSCDL0-CA-U965_0.3 |
| Cable length | 0.3 m |
| **Side 1** | |

MURR ELEKTRONIK
stay connected

| | |
|---|---|
| Family construction form | 7/8" |
| No. of poles | 5 |
| Thread | 7/8" |
| Tightening torque | 1.5 Nm |
| Width across flats | SW22 |
| **Side 2** | |
| Family construction form | 7/8" |
| No. of poles | 5 |
| Thread | 7/8" |
| Tightening torque | 1.5 Nm |
| **Commercial data** | |
| URL Webshop | https://shop.murrelektronik.com/7000-50031-9650030 |
| GTIN | 4048879458856 |
| 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 | 4048879458856 |
| Packaging unit | 1 |
| **Electrical data \| Supply** | |
| Current operating per contact max. | 12 A |
| Current phase - neutral | 230 V |
| Current phase - phase | 400 V |
| **Installation \| Connection** | |
| Tightening torque | 1.5 Nm |
| **Device protection \| Electrical** | |
| Degree of protection (EN IEC 60529) | IP67 |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 3 kV |
| Material group (IEC 60664-1) | I |
| **Mechanical data \| Material data** | |
| Locking material | Zinc die-casting |
| Coating locking | nickel plated |
| **Mechanical data \| Mounting data** | |

MURR ELEKTRONIK
stay connected

| | |
|---|---|
| Mounting method | inserted, screwed, Shaking protection |
| **Environmental characteristics \| Climatic** | |
| Operating temperature min. | -25 °C |
| Operating temperature max. | 85 °C |
| Additional condition temperature range | depending on cable quality |
| **Important installation notes** | |
| Note on bending radius | **Attention:** 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. |
| **Installation \| Cable** | |
| Cable identification | 965 |
| Amount stranding | 1 |
| Stranding | Wires |
| Filler | yes |
| Wire arrangement | white 4, brown 3, green-yellow, blue 2, black 1 |
| Cable weigth | 86.9 g/m |
| Material wire insulation | PP |
| Amount wires | 5 |
| Outer diameter insulation | 2 mm |
| Outer diameter tolerance core insulation | ± 0.1 mm |
| Shore hardness wire insulation | 60 |
| Ingredient freeness wire insulation | CFC-free, halogen-free, lead-free |
| Printing color of wire insulation | white (isolation black), black (white isolation), black (isolation brown), black (insulation blue) |
| Amount strands (wire) | 32 |
| Diameter of single wires | 0.2 mm |
| Conductor crosssection (wire) | 1 mm² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | Strand class 5 |
| Outer-diameter (jacket) | 7.2 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material jacket | PUR |
| Shore hardness jacket | 90 |
| Freedom from ingredients (jacket) | CFC-free, cadmium-free, silicone-free, lead-free |
| Material property (jacket) | matte, good machinability, abrasion-resistant, low adhesion |
| Material inner jacket | PVC |
| Color (inner jacket) | gray |
| Conductor resistance (wire) | 19.5 Ω/km @ 20 °C |
| Nominal voltage AC max. | 600 V |
| Withstand voltage (wire - wire) | 3 kV @ 60 s |
| Withstand voltage (wire - jacket) | 3 kV @ 60 s |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 11.3 A |
| Min. operating temperature (static) | -30 °C |
| Max. operating temperature (fixed) | 70 °C |
| Operating temperature min. (dynamic) | -5 °C |
| Operating temperature max. (dynamic) | 70 °C |
| Bending radius (fixed) | 7.5 × Outer diameter |
| Bending radius (dynamic) | 10 × Outer diameter |