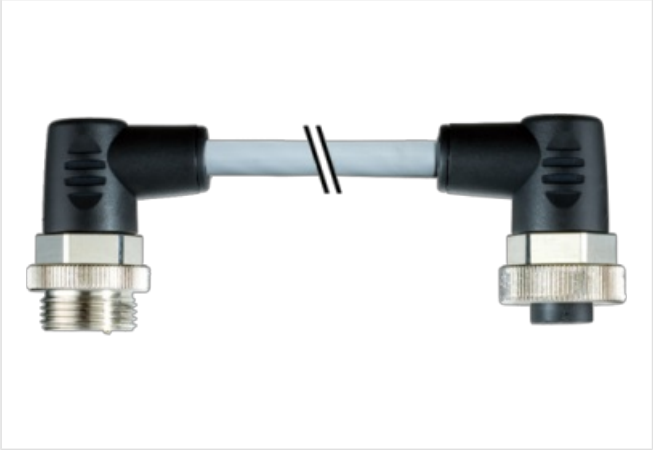
**7/8" male 90° / 7/8" female 90°**

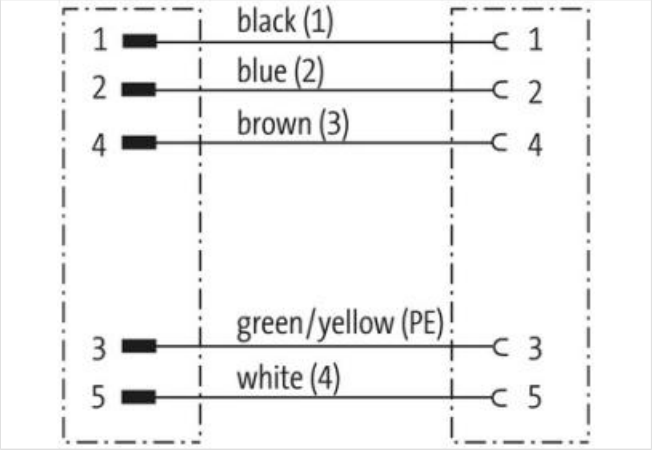
PUR 5x1.5 gy UL/CSA+drag ch. 2m

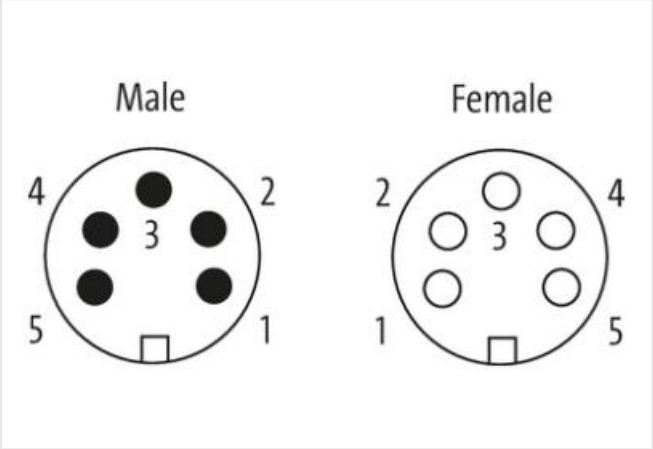
Male 90° – female 90°
7/8" – 7/8", 5-pole
Power cable
Further cable lengths on request.
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

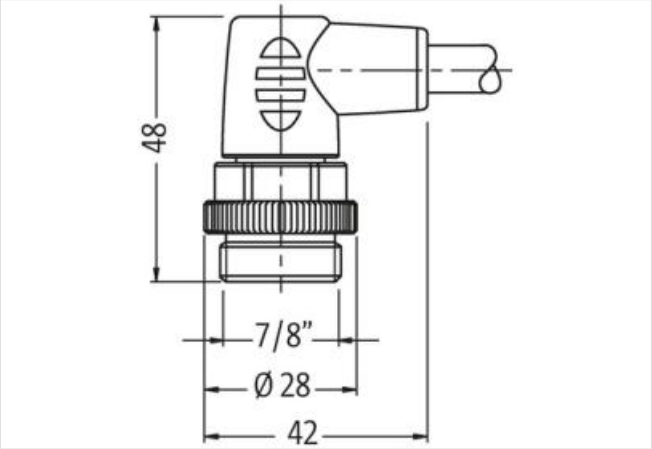
## Link to Product

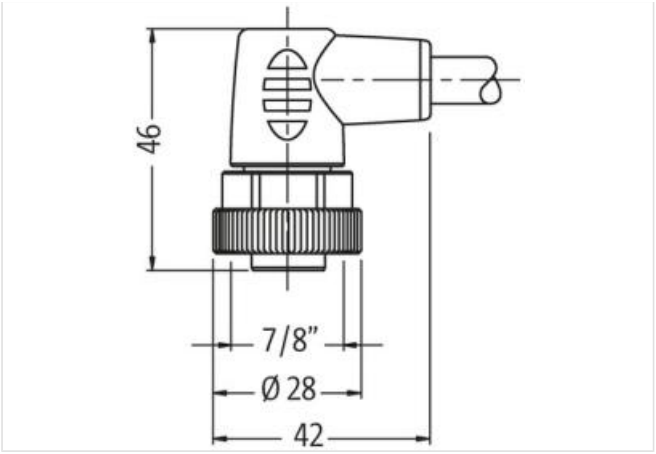
**Illustration**








Product may differ from Image

| | |
|---|---|
| Cable length | 2 m |
| **Side 1** | |
| Tightening torque | 1,5 Nm |
| Family construction form | 7/8" |
| Thread | 7/8" |
| **Side 2** | |
| Tightening torque | 1,5 Nm |
| Thread | 7/8" |
| **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 |
| GTIN | 4048879138253 |
| Packaging unit | 1 |
| **Electrical data \| Supply** | |
| Current operating per contact max. | 12 A |
| Current phase - neutral | 230 V |
| Current phase - phase | 400 V |
| **Device protection \| Electrical** | |
| Degree of protection (EN IEC 60529) | IP67 |
| Additional condition protection degree | inserted, screwed |
| Rated surge voltage | 3 kV |
| **Mechanical data \| Mounting data** | |
| Mounting method | inserted, screwed, Shaking protection |

MURR ELEKTRONIK
stay connected

| | |
|---|---|
| **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 strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
| 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. |
| **Installation \| Cable** | |
| wire arrangement | green-yellow, blue 2, black 1, white 4, brown 3 |
| Cable identification | 961 |
| Cable Type | 3 |
| Printing color of wire insulation | black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) |
| Jacket Color | gray |
| Type of Certificate | cURus |
| Amount stranding | 1 |
| Stranding | 5 wires around Filler twisted |
| Filler | yes |
| wire arrangement | green-yellow, blue 2, black 1, white 4, brown 3 |
| Cable weigth | 129,8 g/m |
| Material jacket | PUR |
| Shore hardness jacket | 90 ± 5 Shore A |
| Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Outer-diameter (jacket) | 8 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | PP |
| Amount wires | 5 |
| Outer diameter insulation | 2,3 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| Shore hardness wire insulation | 60 ± 5 Shore D |
| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Printing color of wire insulation | black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) |
| Amount strands (wire) | 84 |
| Diameter of single wires | 0,15 mm |
| Conductor crosssection (wire) | 1,5 mm² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | strand class 6 |
| Nominal voltage AC max. | 1000 V |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 13,5 A |
| Electrical resistance line constant wire | 13,3 Ω/km @ 20 °C |
| AC withstand voltage (wire - wire) | 10 kV @ 60 s |
| Power frequency withstand voltage (wire - jacket) | 10 kV @ 60 s |
| Min. operating temperature (static) | -50 °C |
| Max. operating temperature (fixed) | 80 °C / 90 °C @ 10000 h Operation |
| Operating temperature min. (dynamic) | -25 °C |
| Operating temperature max. (dynamic) | 80 °C / 90 °C @ 10000 h Operation |
| Flame resistance | UL 1581 § 1100 FT2 \| IEC 60332-2-2 \| UL 1581 § 1090 |
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Oil resistance | DIN EN 60811-404 \| Good, application-related testing |
| Bending radius (fixed) | 5 x Outer diameter |

| | |
|---|---|
| Bending radius (dynamic) | 10 x Outer diameter |
| No. of bending cycles (C-track) | 5 Mio. @ 25 °C |
| Traversing distance (C-track) | 5 m @ 25 °C |
| Travel speed (C-track) | 3,3 m/s @ 25 °C |
| No. of torsion cycles | 2 Mio. |
| Torsion stress | ± 180 °/m |
| Torsion speed | 35 cycles/min |