

7/8" female 0° with cable

PUR 5x1.5 gy UL/CSA+drag ch. 19m

Female straight

7/8" (5-pole)

Power cable

with cable sleeves

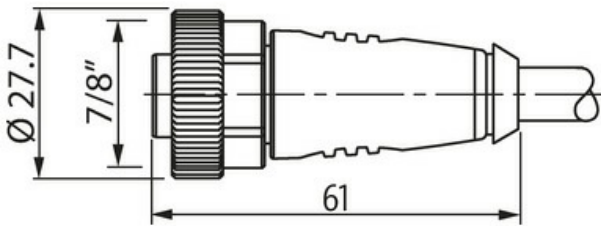
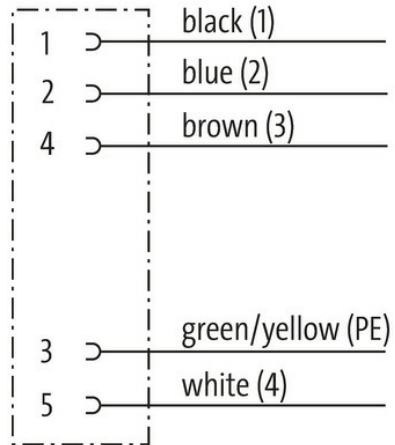
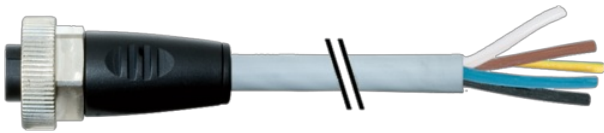
Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

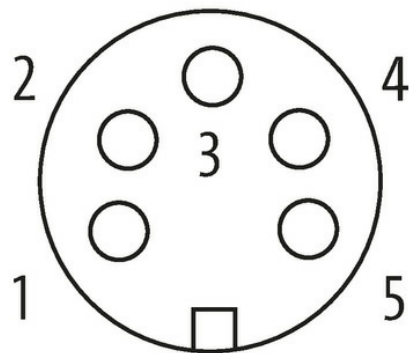
The resistance to aggressive media should be individually tested for your application. Further details on request.

[Link to Product](#)

Illustration



Female



Product may differ from Image



* only for products with UL/CSA approved cable

Form

Form

78021

Technical Data

| | |
|-------------------------------|---|
| Operating voltage | max. 230/400 V AC/DC |
| Operating current per contact | max. 12 A |
| Locking of ports | Screw thread 7/8" (recommended torque 1.5 Nm) self-securing |
| Protection | IP67 inserted and tightened (EN 60529) |
| Locking material | Zinc die casting, matte nickel plated |

General data

| | |
|-------------------|--|
| Temperature range | -25...+85 °C, depending on cable quality |
|-------------------|--|

Cables

| | |
|------------------------------------|--|
| Cable identification | 961 |
| Cable Type | 3 (PUR) |
| Cable weight [g/m] | 129,8 g |
| Material (wire) | Cu wire, bare |
| Resistor (core) | max. 13.3 Ω/km (20 °C) |
| Single wire Ø (core) | 0.15 mm |
| Construction (core) | 84× 0.15 mm (multi-strand wire class 6) |
| Diameter (core) | 5× 1.5 mm ² |
| AWG | similar to AWG 16 |
| Material (wire isolation) | PP |
| Material property (wire isolation) | CFC-, halogen-, cadmium-, silicone- and lead-free |
| Shore hardness (wire isolation) | 60 ±5 D |
| Wire-Ø incl. isolation | 2.3 mm ±5% |
| Color/numbering of wires | bl, bk, wh, br, num; gnye longitudinally striped |
| Stranding combination | 5 wires twisted around central filler |
| Shield | no |
| Material (jacket) | PUR |
| Material property (jacket) | CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant |
| Shore hardness (jacket) | 90 ±5 A |
| Outer-Ø (jacket) | 8.0 mm ±5% |
| Color (jacket) | gray |
| chemical resistance | good resistance to oil, gasoline and chemicals (EN 60811-404) |
| thermal resistance | flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2 |
| Nominal voltage | 1000 V AC |
| Test voltage | 10.0 kV |
| Current load capacity | to DIN VDE 0298-4 |
| Temperature range (fixed) | -50...+80 °C, (+90 °C at max. 10 000 operating hours) |
| Temperature range (mobile) | -25...+80 °C, (+90 °C at max. 10 000 operating hours) |
| Bend radius (fixed) | 7.5× outer Ø |
| Bend radius (moving) | 10× outer Ø |
| No. of bending cycles (C-track) | max. 5 Mio. (25 °C) |
| Travel speed (C-track) | max. 3.3 m/s |
| Acceleration (C-track) | max. 5 m/s ² |
| Torsion stress | ±180°/m |
| No. of torsion cycles | max. 2 Mio. (25 °C) |
| Torsion speed | 35 cycles/min |

Commercial data

| | |
|-----------------------|---------------|
| country of origin | CZ |
| customs tariff number | 85444290 |
| EAN | 4048879831475 |
| eClass | 27279218 |
| Packaging unit | 1.000 |