

**Push Pull Power / Push Pull Power**

PUR 5x1.5 gy UL/CSA+drag chain 5m

Customized printing and packaging

Male

RJ45PP – RJ45PP

5-pole

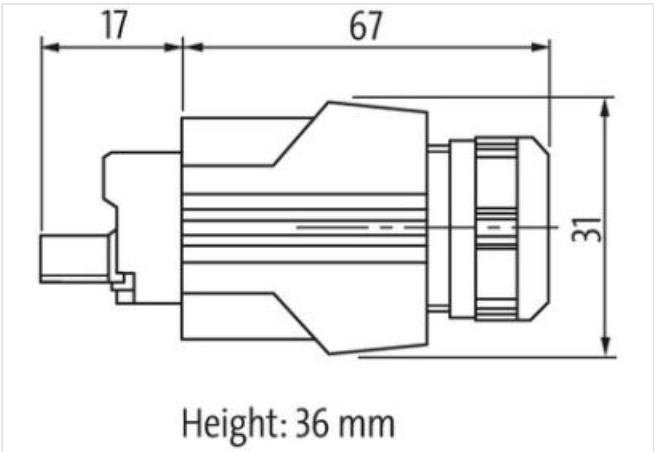
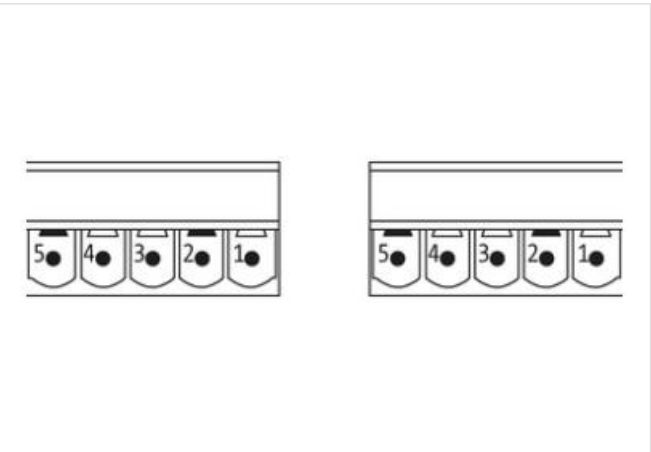
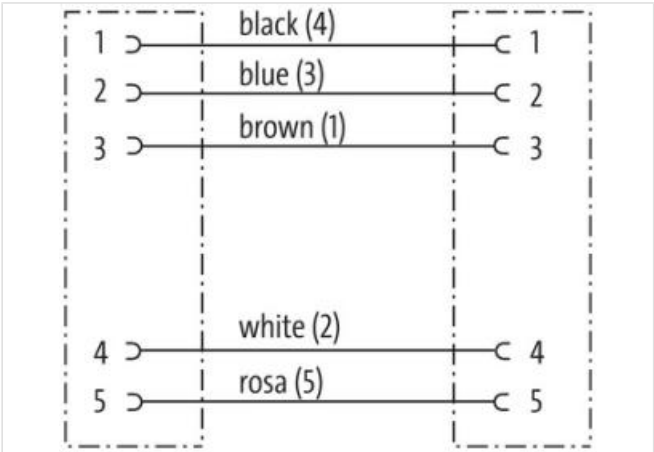
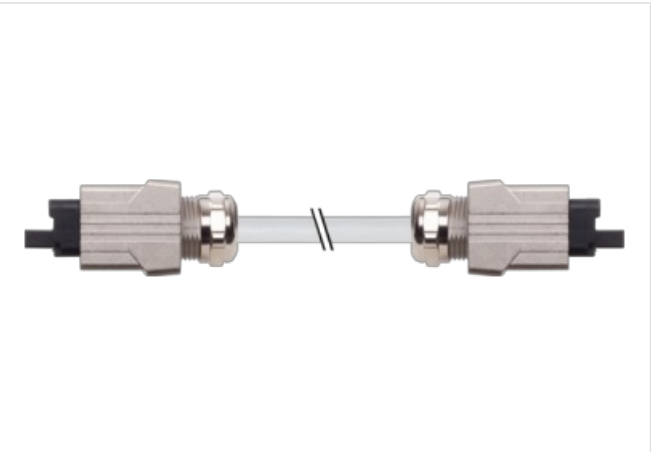
Plastic housings with good resistance against chemicals and oils.

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



|                 |                   |
|-----------------|-------------------|
| Cable length    | 5 m               |
| Side 1          |                   |
| Mounting method | inserted, screwed |

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Family construction form                        | M12P                                                                                                                                                  |
| Material contact                                | Copper alloy                                                                                                                                          |
| No. of poles                                    | 5                                                                                                                                                     |
| <b>Side 2</b>                                   |                                                                                                                                                       |
| Mounting method                                 | inserted, screwed                                                                                                                                     |
| Family construction form                        | Push Pull                                                                                                                                             |
| Material contact                                | Copper alloy                                                                                                                                          |
| No. of poles                                    | 5                                                                                                                                                     |
| <b>Commercial data</b>                          |                                                                                                                                                       |
| ECLASS-6.0                                      | 27279218                                                                                                                                              |
| ECLASS-7.0                                      | 27279218                                                                                                                                              |
| ECLASS-8.0                                      | 27279218                                                                                                                                              |
| ECLASS-9.0                                      | 27060311                                                                                                                                              |
| ECLASS-10.1                                     | 27060311                                                                                                                                              |
| ECLASS-11.1                                     | 27060311                                                                                                                                              |
| ECLASS-12.0                                     | 27060327                                                                                                                                              |
| ETIM-5.0                                        | EC001855                                                                                                                                              |
| customs tariff number                           | 85444210                                                                                                                                              |
| GTIN                                            | 4048879839532                                                                                                                                         |
| Packaging unit                                  | 1                                                                                                                                                     |
| <b>Electrical data   Supply</b>                 |                                                                                                                                                       |
| Operating voltage AC max.                       | 24 V                                                                                                                                                  |
| Operating voltage DC max.                       | 24 V                                                                                                                                                  |
| Current operating per contact max.              | 16 A                                                                                                                                                  |
| <b>Diagnostics</b>                              |                                                                                                                                                       |
| Status indication LED                           | no                                                                                                                                                    |
| <b>Device protection   Electrical</b>           |                                                                                                                                                       |
| Degree of protection (EN IEC 60529)             | IP65, IP67                                                                                                                                            |
| Additional condition protection degree          | inserted, locked                                                                                                                                      |
| Pollution Degree                                | 2                                                                                                                                                     |
| Rated surge voltage                             | 4 kV                                                                                                                                                  |
| <b>Mechanical data   Material data</b>          |                                                                                                                                                       |
| Coating housing                                 | nickel plated                                                                                                                                         |
| Material housing                                | Zinc die-casting                                                                                                                                      |
| <b>Mechanical data   Mounting data</b>          |                                                                                                                                                       |
| Looking techniques                              | Push Pull Power                                                                                                                                       |
| <b>Environmental characteristics   Climatic</b> |                                                                                                                                                       |
| Operating temperature min.                      | -40 °C                                                                                                                                                |
| Operating temperature max.                      | 85 °C                                                                                                                                                 |
| Additional condition temperature range          | depending on cable quality                                                                                                                            |
| <b>Important installation notes</b>             |                                                                                                                                                       |
| 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                          | <b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
| <b>Installation   Cable</b>                     |                                                                                                                                                       |
| wire arrangement                                | pink 5, black 4, blue 3, white 2, brown 1                                                                                                             |
| Cable identification                            | P08                                                                                                                                                   |
| Cable Type                                      | 3                                                                                                                                                     |
| Printing color of wire insulation               | black (pink isolation), 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 Core filler twisted                                                                                        |
| Filler                                            | yes                                                                                                                       |
| wire arrangement                                  | pink 5, black 4, blue 3, white 2, brown 1                                                                                 |
| 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)                           | 8,2 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 (pink isolation), 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 mm <sup>2</sup>                                                                                                       |
| 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   UL 1581 § 1090   IEC 60332-2-2                                                                       |
| 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                                                                                                             |