

**M23 female 90° with cable**

PUR 8x0.34+3x0.75 gy drag ch. 10m

Female 90°

M23, 19-pole

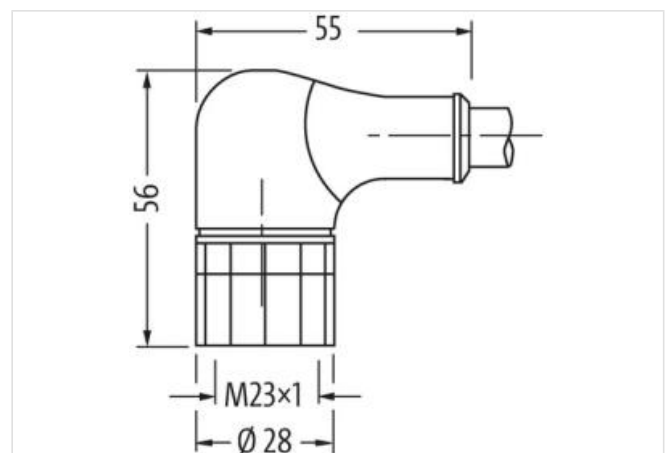
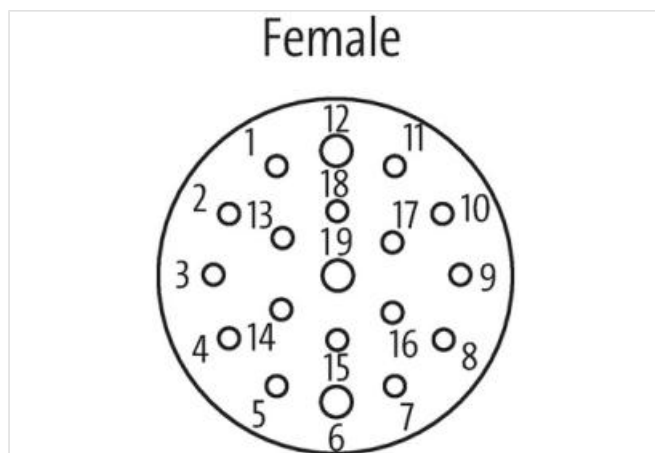
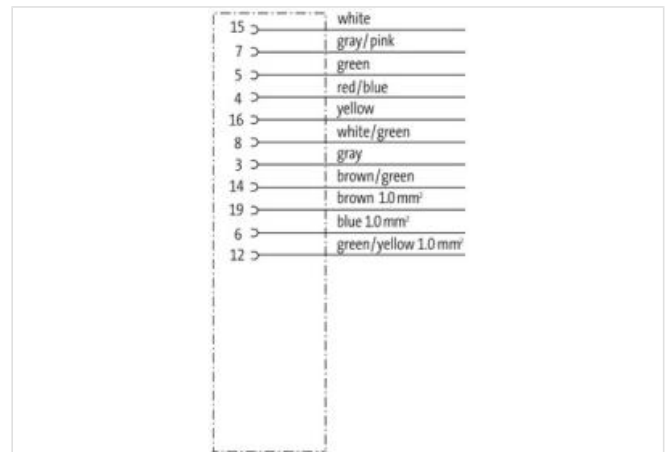
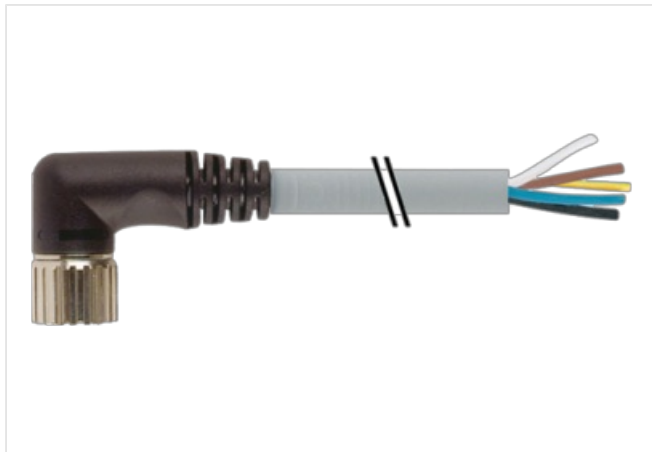
11-pole used

for 4-way distribution boxes, 5-pole

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.

[Linkki tuotteeseen](#)**Kuvat**

Tuote voi erota kuvassa olevasta

Cable length 10 m

**Side 1**

Tightening torque 2 Nm

Mounting method inserted, screwed

Family construction form M23

Thread M23 x 1

suitable for corrugated tube (internal Ø) 16 mm

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material                                        | PUR                                                                                                                                                   |
| Width across flats                              | SW27                                                                                                                                                  |
| Degree of protection (EN IEC 60529)             | IP65, IP67                                                                                                                                            |
| <b>Kaupalliset tiedot</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                                     | 27060311                                                                                                                                              |
| ETIM-5.0                                        | EC001855                                                                                                                                              |
| GTIN                                            | 4048879187954                                                                                                                                         |
| Pakkauskoko                                     | 1                                                                                                                                                     |
| Tullinumero                                     | 85444290                                                                                                                                              |
| <b>Electrical data   Supply</b>                 |                                                                                                                                                       |
| Operating voltage AC max.                       | 125 V                                                                                                                                                 |
| Operating voltage DC max.                       | 125 V                                                                                                                                                 |
| Current operating per contact max.              | 7,5 A                                                                                                                                                 |
| <b>Installation   Connection</b>                |                                                                                                                                                       |
| Mounting set                                    | M23 x 1                                                                                                                                               |
| <b>Device protection   Electrical</b>           |                                                                                                                                                       |
| Rated surge voltage                             | 2,5 kV                                                                                                                                                |
| Material group (IEC 60664-1)                    | I                                                                                                                                                     |
| <b>Mechanical data   Material data</b>          |                                                                                                                                                       |
| Coating locking                                 | nickel plated                                                                                                                                         |
| Coating of fitting                              | nickel plated                                                                                                                                         |
| Locking material                                | Brass                                                                                                                                                 |
| Material screw connection                       | Brass                                                                                                                                                 |
| <b>Mechanical data   Mounting data</b>          |                                                                                                                                                       |
| Mounting method                                 | inserted, screwed                                                                                                                                     |
| <b>Environmental characteristics   Climatic</b> |                                                                                                                                                       |
| Operating temperature min.                      | -25 °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>                     |                                                                                                                                                       |
| STOOW style jacket                              | Hybrid, Signal, Power                                                                                                                                 |
| Cable identification                            | 363                                                                                                                                                   |
| Cable Type                                      | 2                                                                                                                                                     |
| Jacket Color                                    | gray                                                                                                                                                  |
| Type of Certificate                             | cURus                                                                                                                                                 |
| Amount stranding                                | 1                                                                                                                                                     |
| Stranding                                       | 2 wires with Filler twisted                                                                                                                           |
| Amount stranding (type 2)                       | 1                                                                                                                                                     |
| Stranding (type 2)                              | 9 wires around Stranding combination twisted                                                                                                          |
| Cable shielding (type)                          | copper braiding, bare                                                                                                                                 |
| Cable shielding (coverage)                      | 85 %                                                                                                                                                  |

|                                                   |                                                                                                        |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Filler                                            | yes                                                                                                    |
| wire arrangement                                  | white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) |
| Cable weight                                      | 143 g/m                                                                                                |
| Material jacket                                   | PUR                                                                                                    |
| Shore hardness jacket                             | 87 ± 5 Shore A                                                                                         |
| Freedom from ingredients (jacket)                 | lead-free, cadmium-free, CFC-free, silicone-free                                                       |
| Outer-diameter (jacket)                           | 8,1 mm                                                                                                 |
| Tolerance outer diameter (sheath)                 | ± 5 %                                                                                                  |
| Material inner jacket                             | PVC                                                                                                    |
| Color (inner jacket)                              | gray                                                                                                   |
| Material wire insulation                          | PVC                                                                                                    |
| Amount wires                                      | 8                                                                                                      |
| Outer diameter insulation                         | 1,3 mm                                                                                                 |
| Outer diameter tolerance core insulation          | ± 5 %                                                                                                  |
| Shore hardness wire insulation                    | 43 ± 5 Shore D                                                                                         |
| Material properties wire insulation               | good machinability                                                                                     |
| Ingredient freeness wire insulation               | lead-free, cadmium-free, CFC-free, silicone-free                                                       |
| Amount strands (wire)                             | 19                                                                                                     |
| Diameter of single wires                          | 0,15 mm                                                                                                |
| Conductor crosssection (wire)                     | 0,34 mm <sup>2</sup>                                                                                   |
| Material conductor wire                           | Stranded copper wire, bare                                                                             |
| Conductor type (wire)                             | Strand class 5                                                                                         |
| Material wire insulation (Power)                  | PVC                                                                                                    |
| Outer diameter wire insulation (Power)            | 1,8 mm                                                                                                 |
| Tolerance outer diameter wire insulation (Power)  | ±5 %                                                                                                   |
| Shore hardness wire insulation (Power)            | 43±5 Shore D                                                                                           |
| Material properties wire insulation (Power)       | good machinability                                                                                     |
| Ingredient freeness wire insulation (Power)       | lead-free, cadmium-free, CFC-free, silicone-free                                                       |
| Amount strands wire (Power)                       | 24                                                                                                     |
| Diameter of single wires (Power)                  | 0,2 mm                                                                                                 |
| Wire conductor cross section (Power)              | 0,75 mm <sup>2</sup>                                                                                   |
| Material conductor wire (Power)                   | Stranded copper wire, bare                                                                             |
| Conductor type wire (Power)                       | Strand class 5                                                                                         |
| Traversing distance (C-track)                     | 5 m @ 25 °C                                                                                            |
| Travel speed (C-track)                            | 3                                                                                                      |
| Max. rated voltage (conductor - conductor)        | 300 V                                                                                                  |
| Max. rated voltage (conductor - ground)           | 300 V                                                                                                  |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                                                                      |
| Current load capacity min. wire                   | 4 A                                                                                                    |
| Electrical resistance line constant wire          | 57 Ω/km @ 20 °C                                                                                        |
| Electrical resistance coating wire (Power)        | 26 Ω/km @20 °C                                                                                         |
| AC withstand voltage (wire - wire)                | 2 kV @ 60 s                                                                                            |
| Power frequency withstand voltage (wire - jacket) | 2 kV @ 60 s                                                                                            |
| Loop resistance                                   | 7,8 A                                                                                                  |
| Min. operating temperature (static)               | -30 °C                                                                                                 |
| Max. operating temperature (fixed)                | 80 °C                                                                                                  |
| Operating temperature min. (dynamic)              | -5 °C                                                                                                  |
| Operating temperature max. (dynamic)              | 70 °C                                                                                                  |
| 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                                    | Good, application-related testing   DIN EN 60811-404                                                   |
| Bending radius (fixed)                            | 5 x Outer diameter                                                                                     |

|                          |                     |
|--------------------------|---------------------|
| Bending radius (dynamic) | 10 x Outer diameter |
| Travel speed (C-track)   | 2 Mio. @ 25 °C      |