

**EXACT8, 6XM8, 4 POLE PLUG. CAP, SPRING-TERM.**

3.0m PUR 12x0.34+2x0,75, UL/CSA

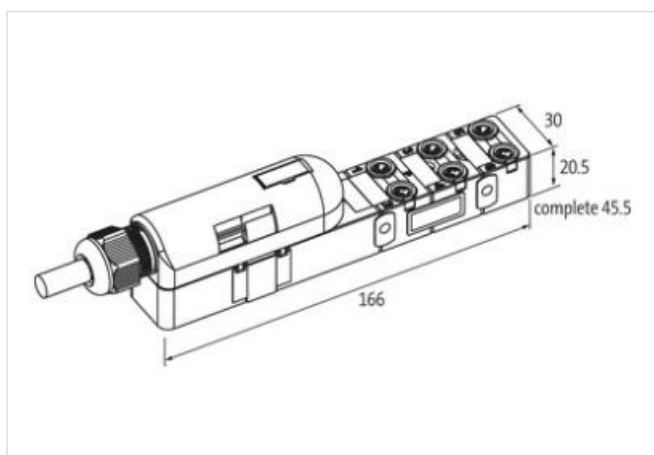
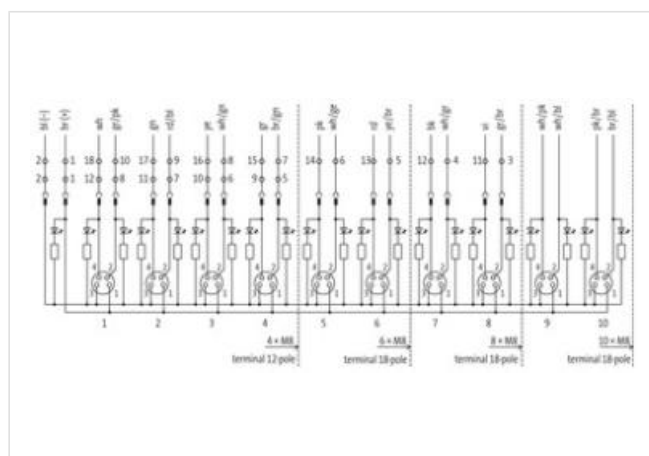
6-way, 4-pole

3.0 m

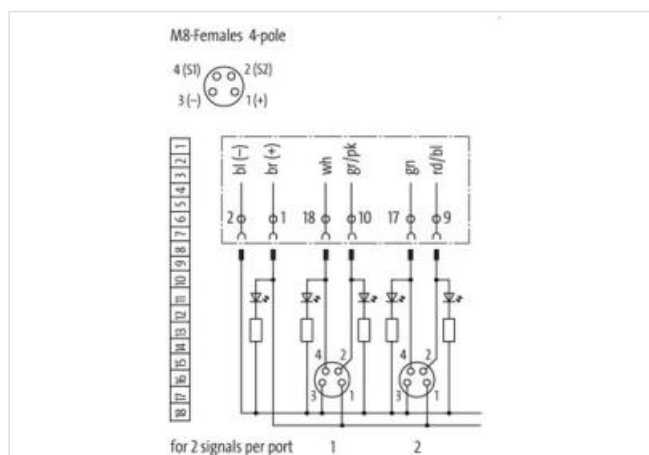
Further cable lengths on request.

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.

**Odkaz k produktu****Obrázky**

Výrobok sa môže líšiť od zobrazenia

**Commercial data**

|            |          |
|------------|----------|
| ECLASS-6.0 | 27143423 |
| ECLASS-6.1 | 27279219 |
| ECLASS-7.0 | 27279219 |
| ECLASS-8.0 | 27279219 |
| ECLASS-9.0 | 27440108 |

|                       |               |
|-----------------------|---------------|
| ECLASS-10.1           | 27440108      |
| ECLASS-11.1           | 27440108      |
| ECLASS-12.0           | 27440108      |
| ETIM-5.0              | EC002585      |
| customs tariff number | 85444290      |
| GTIN                  | 4048879054881 |
| Packaging unit        | 1             |

**Electrical data | Supply**

|                                    |      |
|------------------------------------|------|
| Operating voltage DC               | 24 V |
| Current operating per contact max. | 2 A  |
| Total current max.                 | 8 A  |

**Industrial communication**

|                            |   |
|----------------------------|---|
| Number of signals per port | 2 |
|----------------------------|---|

**Installation | Connection**

|              |        |
|--------------|--------|
| Mounting set | M8 x 1 |
|--------------|--------|

**Device protection | Electrical**

|                                        |                  |
|----------------------------------------|------------------|
| Degree of protection (EN IEC 60529)    | IP67             |
| Additional condition protection degree | screwed, mounted |

**Device protection | Media**

|                  |                 |
|------------------|-----------------|
| Flame resistance | flame retardant |
|------------------|-----------------|

**Mechanical data | Material data**

|                  |         |
|------------------|---------|
| Material housing | Plastic |
|------------------|---------|

**Mechanical data | Mounting data**

|                 |                |
|-----------------|----------------|
| Mounting method | Schraubgewinde |
|-----------------|----------------|

**Environmental characteristics | Climatic**

|                                        |                            |
|----------------------------------------|----------------------------|
| Operating temperature min.             | -20 °C                     |
| Operating temperature max.             | 80 °C                      |
| Additional condition temperature range | depending on cable quality |

**Installation | Cable**

|                                          |                                                                                                                                 |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Cable identification                     | 389                                                                                                                             |
| Jacket Color                             | gray                                                                                                                            |
| Type of Certificate                      | cURus, CSA                                                                                                                      |
| Amount stranding                         | 1                                                                                                                               |
| Stranding                                | 4 wires twisted                                                                                                                 |
| Amount stranding (type 2)                | 1                                                                                                                               |
| Stranding (type 2)                       | 10 wires around Stranding combination twisted                                                                                   |
| Banding                                  | Fleece                                                                                                                          |
| wire arrangement                         | red, yellow-white, gray-pink, pink, (brown, blue, brown-yellow, brown-green, green-white, red-blue, gray, yellow, green, white) |
| Cable weight                             | 122,1 g/m                                                                                                                       |
| Material jacket                          | PUR                                                                                                                             |
| Shore hardness jacket                    | 89 ± 5 Shore A                                                                                                                  |
| Freedom from ingredients (jacket)        | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free                                                       |
| Outer-diameter (jacket)                  | 9,5 mm                                                                                                                          |
| Tolerance outer diameter (sheath)        | ± 5 %                                                                                                                           |
| Material wire insulation                 | TPE-E                                                                                                                           |
| Amount wires                             | 10                                                                                                                              |
| Outer diameter insulation                | 1,5 mm                                                                                                                          |
| Outer diameter tolerance core insulation | ± 5 %                                                                                                                           |
| Shore hardness wire insulation           | 55 ± 5 Shore D                                                                                                                  |
| Ingredient freeness wire insulation      | lead-free, cadmium-free, CFC-free, halogen-free                                                                                 |

|                                                   |                                                      |
|---------------------------------------------------|------------------------------------------------------|
| Traversing distance (C-track)                     | 5 m @ 25 °C   horizontal                             |
| Amount strands (wire)                             | 42                                                   |
| Diameter of single wires                          | 0,1 mm                                               |
| Conductor crosssection (wire)                     | 0,34 mm <sup>2</sup>                                 |
| Material conductor wire                           | Stranded copper wire, bare                           |
| Conductor type (wire)                             | strand class 6                                       |
| Material wire insulation (Data)                   | TPE-E                                                |
| Outer diameter wire insulation (Data)             | 1,8 mm                                               |
| Tolerance outer diameter wire insulation (data)   | ± 5 %                                                |
| Shore hardness wire insulation (Data)             | 55 ± 5 Shore D                                       |
| Ingredient freeness wire insulation (Data)        | lead-free, cadmium-free, CFC-free, halogen-free      |
| Amount wires (Data)                               | 2                                                    |
| Amount strands wire (Data)                        | 42                                                   |
| Diameter of single wires (Data)                   | 0,15 mm                                              |
| Conductor crosssection wire (Data)                | 0,75 mm <sup>2</sup>                                 |
| Material conductor wire (Data)                    | Stranded copper wire, bare                           |
| Wire conductor type (Data)                        | strand class 6                                       |
| 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                                                  |
| Current load capacity min. Wire (Data)            | 12 A                                                 |
| Electrical resistance line constant wire          | 57 Ω/km @ 20 °C                                      |
| Electrical resistance coating wire (Data)         | 26 Ω/km @ 20 °C                                      |
| AC withstand voltage (wire - wire)                | 2 kV @ 60 s                                          |
| Power frequency withstand voltage (wire - jacket) | 2 kV @ 60 s                                          |
| Min. operating temperature (static)               | -40 °C                                               |
| Max. operating temperature (fixed)                | 80 °C                                                |
| Operating temperature min. (dynamic)              | -5 °C                                                |
| Operating temperature max. (dynamic)              | 80 °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 (installation)                     | x Outer diameter                                     |
| Bending radius (fixed)                            | 7,5 x Outer diameter                                 |
| Bending radius (dynamic)                          | 10 x Outer diameter                                  |
| Travel speed (C-track)                            | 5 Mio. @ 25 °C                                       |

#### Connection type 2

|                          |                |
|--------------------------|----------------|
| Family construction form | free cable end |
| No. of poles             | 14             |
| Family construction form | M8             |
| Gender                   | female         |
| Color contact carrier    | black          |
| Coding                   | A              |
| No. of poles             | 4              |
| PIN 1                    | +              |
| PIN 2                    | S 2            |
| PIN 3                    | -              |
| PIN 4                    | S 1            |