

**EXACT8, 6XM8, 4 POLE MOULDED CABLE**

10.0m PUR/PVC 12x0.34+2x0,75

6-way, 4-pole

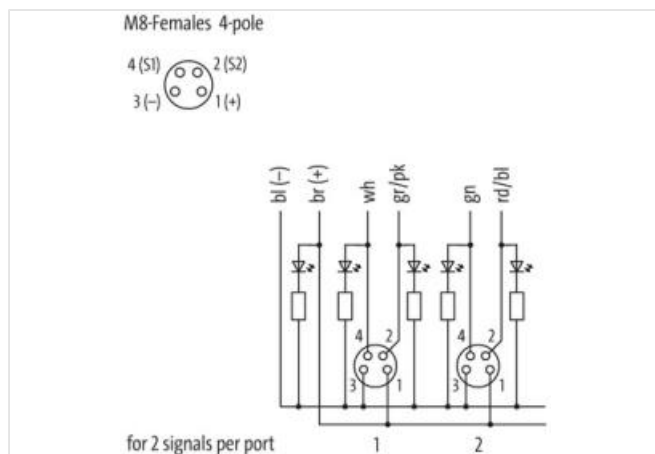
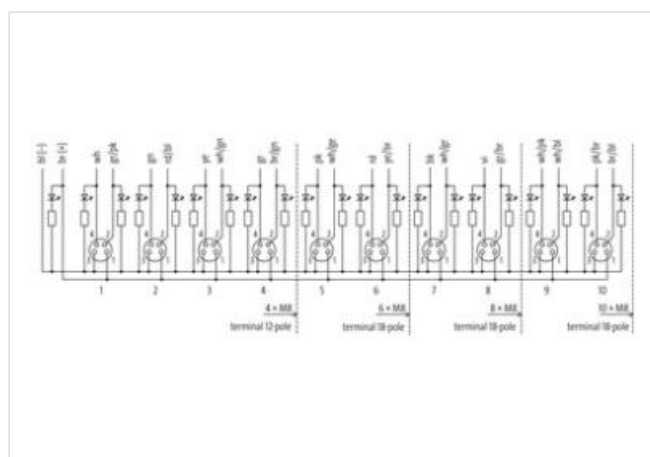
PUR/PVC

Further cable lengths on request.

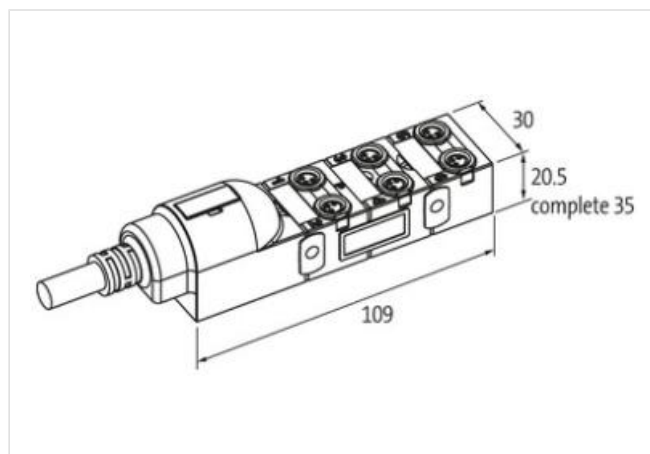
10.0 m

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 a termékhez****Ábrák**

Szimbolikus ábra

**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                                            | 4048879054966                                                                                                                   |
| Packaging unit                                  | 1                                                                                                                               |
| <b>Electrical data   Supply</b>                 |                                                                                                                                 |
| Operating voltage DC                            | 24 V                                                                                                                            |
| Current operating per contact max.              | 2 A                                                                                                                             |
| Total current max.                              | 8 A                                                                                                                             |
| <b>Industrial communication</b>                 |                                                                                                                                 |
| Number of signals per port                      | 2                                                                                                                               |
| <b>Installation   Connection</b>                |                                                                                                                                 |
| Mounting set                                    | M8 x 1                                                                                                                          |
| <b>Device protection   Electrical</b>           |                                                                                                                                 |
| Degree of protection (EN IEC 60529)             | IP65, IP67                                                                                                                      |
| <b>Device protection   Media</b>                |                                                                                                                                 |
| Flame resistance                                | flame retardant                                                                                                                 |
| <b>Mechanical data   Material data</b>          |                                                                                                                                 |
| Material housing                                | Plastic                                                                                                                         |
| <b>Mechanical data   Mounting data</b>          |                                                                                                                                 |
| Mounting method                                 | Schraubgewinde                                                                                                                  |
| <b>Environmental characteristics   Climatic</b> |                                                                                                                                 |
| Operating temperature min.                      | -20 °C                                                                                                                          |
| Operating temperature max.                      | 80 °C                                                                                                                           |
| Additional condition temperature range          | depending on cable quality                                                                                                      |
| <b>Installation   Cable</b>                     |                                                                                                                                 |
| Cable identification                            | 386                                                                                                                             |
| Jacket Color                                    | gray                                                                                                                            |
| Type of Certificate                             | cURus                                                                                                                           |
| Amount stranding                                | 1                                                                                                                               |
| Stranding                                       | 4 wires twisted                                                                                                                 |
| Amount stranding (type 2)                       | 1                                                                                                                               |
| Stranding (type 2)                              | 10 wires around Stranding combination twisted                                                                                   |
| wire arrangement                                | gray-pink, pink, red, yellow-white, (brown, blue, brown-yellow, brown-green, green-white, red-blue, gray, yellow, green, white) |
| Cable weight                                    | 128,7 g/m                                                                                                                       |
| Material jacket                                 | PUR                                                                                                                             |
| Shore hardness jacket                           | 85 ± 5 Shore A                                                                                                                  |
| Freedom from ingredients (jacket)               | lead-free, cadmium-free, CFC-free, silicone-free                                                                                |
| Outer-diameter (jacket)                         | 8,8 mm                                                                                                                          |
| Tolerance outer diameter (sheath)               | ± 5 %                                                                                                                           |
| Material inner jacket                           | PVC                                                                                                                             |
| Color (inner jacket)                            | gray                                                                                                                            |
| Material wire insulation                        | PVC                                                                                                                             |
| Amount wires                                    | 12                                                                                                                              |
| Outer diameter insulation                       | 1,3 mm                                                                                                                          |
| Outer diameter tolerance core insulation        | ± 5 %                                                                                                                           |
| Shore hardness wire insulation                  | 55 ± 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 (Data)                   | PVC                                                  |
| Outer diameter wire insulation (Data)             | 1,8 mm                                               |
| Tolerance outer diameter wire insulation (data)   | ± 5 %                                                |
| Shore hardness wire insulation (Data)             | 55 ± 5 Shore D                                       |
| Material properties wire insulation (Data)        | good machinability                                   |
| Ingredient freeness wire insulation (Data)        | lead-free, cadmium-free, CFC-free, silicone-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)               | -30 °C                                               |
| Max. operating temperature (fixed)                | 70 °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                                    | DIN EN 60811-404   Good, application-related testing |
| Bending radius (installation)                     | x Outer diameter                                     |
| Bending radius (fixed)                            | 10 x Outer diameter                                  |
| Bending radius (dynamic)                          | 12 x Outer diameter                                  |
| No. of bending cycles (C-track)                   | 1,5 Mio. @ 25 °C                                     |
| Traversing distance (C-track)                     | 5 m @ 25 °C   horizontal                             |
| Travel speed (C-track)                            | 2 m/s @ 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