

**EXACT12, 4XM12, 4 POLE MOULDED CABLE**

10.0m PUR/PVC 4X0.34+3X0.75, UL/CSA

4-way, 4-pole

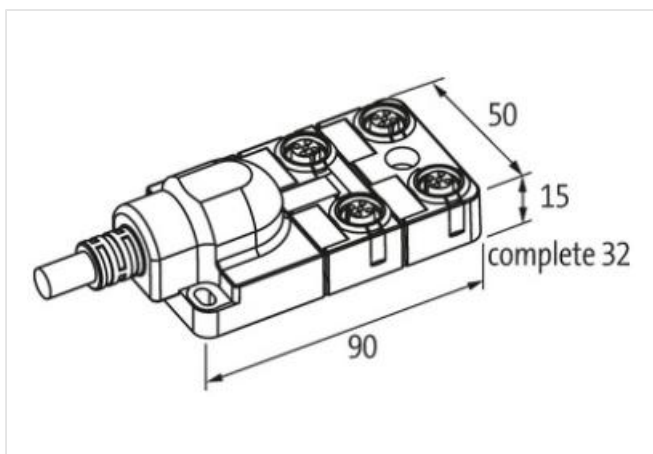
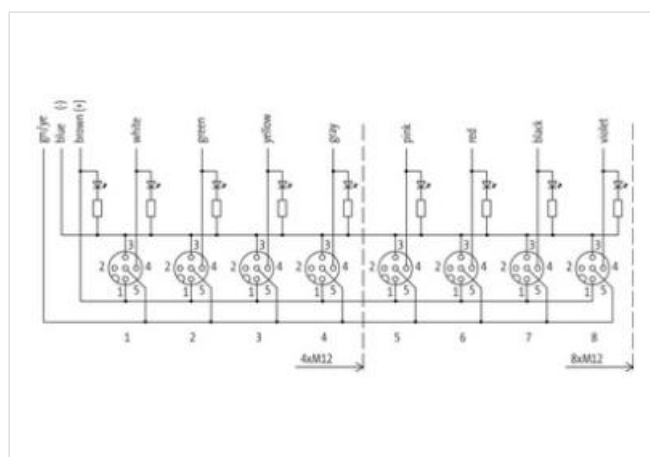
PUR/PVC

Further cable lengths on request.

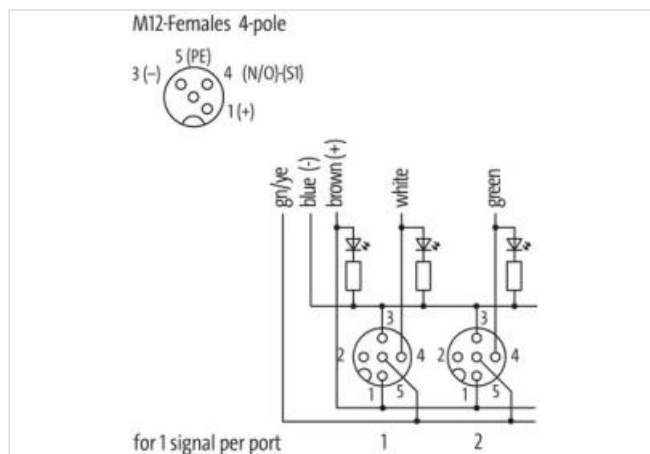
10.0 m

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.

**Linkki tuotteeseen****Kuvat**

Tuote voi erota kuvassa olevasta

**Kaupalliset tiedot**

|            |          |
|------------|----------|
| ECLASS-6.0 | 27279219 |
| 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      |
| GTIN        | 4048879056038 |
| Pakkauskoko | 1             |
| Tullinumero | 85444290      |

**Electrical data | Supply**

|                                    |      |
|------------------------------------|------|
| Operating voltage DC               | 24 V |
| Current operating per contact max. | 4 A  |

**Installation | Connection**

|              |         |
|--------------|---------|
| Mounting set | M12 x 1 |
|--------------|---------|

**Device protection | Electrical**

|                                     |            |
|-------------------------------------|------------|
| Degree of protection (EN IEC 60529) | IP65, IP67 |
|-------------------------------------|------------|

**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.             | 70 °C                      |
| Additional condition temperature range | depending on cable quality |

**Installation | Cable**

|                                          |                                                       |
|------------------------------------------|-------------------------------------------------------|
| Cable identification                     | 333                                                   |
| Cable Type                               | 2                                                     |
| Function cable                           | Hybrid, Signal, Power                                 |
| Jacket Color                             | gray                                                  |
| Type of Certificate                      | cURus                                                 |
| Amount stranding                         | 1                                                     |
| Stranding                                | 7 wires around Core filler twisted                    |
| Filler                                   | yes                                                   |
| wire arrangement                         | white, green, yellow, gray, brown, blue, green-yellow |
| Cable weight                             | 105,6 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)                  | 7,4 mm                                                |
| Tolerance outer diameter (sheath)        | ± 5 %                                                 |
| Material inner jacket                    | PVC                                                   |
| Color (inner jacket)                     | gray                                                  |
| Material wire insulation                 | PVC                                                   |
| Amount wires                             | 4                                                     |
| 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 mm²                                             |
| 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 wires (Power)                              | 3                                                    |
| Amount strands wire (Power)                       | 24                                                   |
| Diameter of single wires (Power)                  | 0,2 mm                                               |
| Wire conductor cross section (Power)              | 0,75 mm²                                             |
| Material conductor wire (Power)                   | Stranded copper wire, bare                           |
| Conductor type wire (Power)                       | Strand class 5                                       |
| 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 carrying capacity min. wire (Power)       | 7,8 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                                          |
| 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   UL 1581 § 1090   IEC 60332-2-2  |
| 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                                  |
| No. of bending cycles (C-track)                   | 2 Mio.                                               |
| Traversing distance (C-track)                     | 5 m                                                  |
| Travel speed (C-track)                            | 2 m/s @ 25 °C                                        |

#### Connection type 2

|                          |                |
|--------------------------|----------------|
| Family construction form | free cable end |
| No. of poles             | 7              |
| Family construction form | M12            |
| Gender                   | female         |
| Color contact carrier    | black          |
| Coding                   | A              |
| No. of poles             | 4              |
| PIN 1                    | +              |
| PIN 2                    | n.c.           |
| PIN 3                    | -              |
| PIN 4                    | NO S 1         |
| PIN 5                    | PE             |