

**CAP FOR D-BOX M12 8-WAY 5-POLE**

No pot.-sep. 3m PUR/PVC, 16x0,34+3X0.75

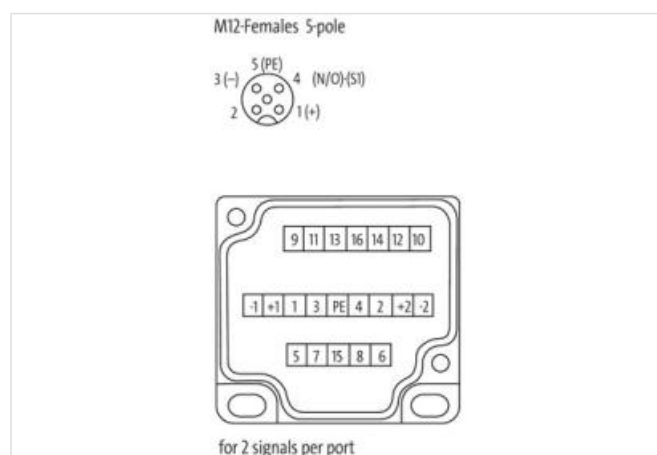
for 8-way distribution boxes, 5-pole

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                  | 4048879053815 |
| Packaging unit        | 1             |

**Electrical data | Supply**

|                    |     |
|--------------------|-----|
| Total current max. | 8 A |
|--------------------|-----|

**Device protection | Media**

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

**Mechanical data | Material data**

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

**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                     | 398                                                                                                                                                                                  |
| Cable Type                               | 2                                                                                                                                                                                    |
| STOOW style jacket                       | Hybrid, Signal, Power                                                                                                                                                                |
| Jacket Color                             | gray                                                                                                                                                                                 |
| Type of Certificate                      | cURus                                                                                                                                                                                |
| Amount stranding                         | 1                                                                                                                                                                                    |
| Stranding                                | 7 wires around Core filler twisted                                                                                                                                                   |
| Amount stranding (type 2)                | 1                                                                                                                                                                                    |
| Stranding (type 2)                       | 12 wires around Stranding combination twisted                                                                                                                                        |
| wire arrangement                         | white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow) |
| Cable weight                             | 165 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)                  | 10 mm                                                                                                                                                                                |
| Tolerance outer diameter (sheath)        | ± 5 %                                                                                                                                                                                |
| Material inner jacket                    | PVC                                                                                                                                                                                  |
| Color (inner jacket)                     | gray                                                                                                                                                                                 |
| Material wire insulation                 | PVC                                                                                                                                                                                  |
| Amount wires                             | 16                                                                                                                                                                                   |
| 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                                                                                                                                     |
| Traversing distance (C-track)            | 5 m @ 25 °C                                                                                                                                                                          |
| 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                                                                                                                                                                       |
| Travel speed (C-track)                   | 3                                                                                                                                                                                    |
| 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)                       | 42                                                   |
| Diameter of single wires (Power)                  | 0,15 mm                                              |
| Wire conductor cross section (Power)              | 0,75 mm²                                             |
| Material conductor wire (Power)                   | Stranded copper wire, bare                           |
| Conductor type wire (Power)                       | strand class 6                                       |
| Max. rated voltage (conductor - conductor)        | 300 V                                                |
| Max. rated voltage (conductor - ground)           | 300 V                                                |
| Loop resistance                                   | 7,8 A                                                |
| 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                                          |
| 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                                  | IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2  |
| 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                                       |

**Connection type 2**

|                          |                |
|--------------------------|----------------|
| Family construction form | free cable end |
| No. of poles             | 19             |
| Family construction form | M12            |
| Gender                   | female         |
| Color contact carrier    | black          |
| Coding                   | A              |
| No. of poles             | 5              |
| PIN 1                    | +              |
| PIN 2                    | NC S 2         |
| PIN 3                    | -              |
| PIN 4                    | NO S 1         |
| PIN 5                    | PE             |