

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

No pot.-sep. 10m PUR UL/CSA, 16x0,5+3x1,0

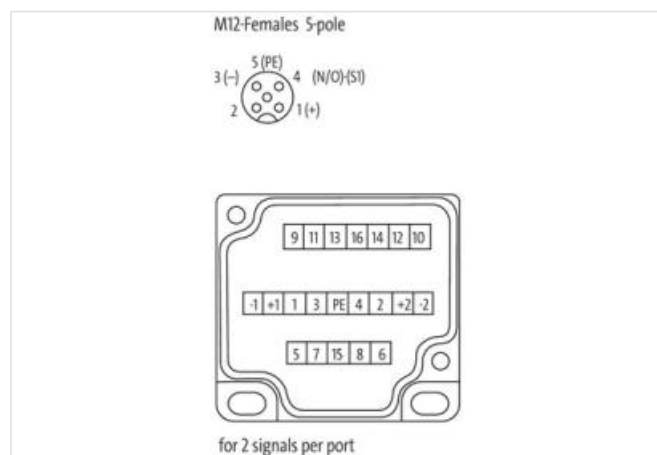
for 8-way distribution boxes, 5-pole

10.0 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.

[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                  | 4048879053723 |
| 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                            | 452                                                                                                                                                                                  |
| 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 counter-rotating twisted                                                                                                                                                    |
| Banding                                         | Fleece                                                                                                                                                                               |
| Filler                                          | yes                                                                                                                                                                                  |
| wire arrangement                                | gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) |
| Cable weighth                                   | 231 g/m                                                                                                                                                                              |
| Material jacket                                 | PUR                                                                                                                                                                                  |
| Shore hardness jacket                           | 94 ± 5 Shore A                                                                                                                                                                       |
| Freedom from ingredients (jacket)               | lead-free, cadmium-free, CFC-free, halogen-free                                                                                                                                      |
| Outer-diameter (jacket)                         | 11,5 mm                                                                                                                                                                              |
| Tolerance outer diameter (sheath)               | ± 5 %                                                                                                                                                                                |
| Material wire insulation                        | TPE-E                                                                                                                                                                                |
| Amount wires                                    | 16                                                                                                                                                                                   |
| Outer diameter insulation                       | 1,6 mm                                                                                                                                                                               |
| Outer diameter tolerance core insulation        | ± 5 %                                                                                                                                                                                |
| Shore hardness wire insulation                  | 55 ± 5 Shore D                                                                                                                                                                       |
| Ingredient freeness wire insulation             | lead-free, CFC-free, halogen-free, silicone-free, LABS-free                                                                                                                          |
| Amount strands (wire)                           | 64                                                                                                                                                                                   |
| Diameter of single wires                        | 0,1 mm                                                                                                                                                                               |
| Conductor crossection (wire)                    | 0,5 mm²                                                                                                                                                                              |
| Material conductor wire                         | Stranded copper wire, bare                                                                                                                                                           |
| Conductor type (wire)                           | strand class 6                                                                                                                                                                       |
| Traversing distance (C-track)                   | 5 m @ 25 °C                                                                                                                                                                          |
| Material wire insulation (Data)                 | TPE-E                                                                                                                                                                                |
| Outer diameter wire insulation (Data)           | 2,1 mm                                                                                                                                                                               |
| Tolerance outer diameter wire insulation (data) | ± 5 %                                                                                                                                                                                |
| Shore hardness wire insulation (Data)           | 55 ± 5 Shore D                                                                                                                                                                       |
| Ingredient freeness wire insulation (Data)      | lead-free, halogen-free, silicone-free, LABS-free                                                                                                                                    |
| Amount wires (Data)                             | 3                                                                                                                                                                                    |

|                                                   |                                                      |
|---------------------------------------------------|------------------------------------------------------|
| Amount strands wire (Data)                        | 128                                                  |
| Diameter of single wires (Data)                   | 0,1 mm                                               |
| Conductor crosssection wire (Data)                | 1 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                   | 5,9 A                                                |
| Current load capacity min. Wire (Data)            | 15 A                                                 |
| Electrical resistance line constant wire          | 39 Ω/km @ 20 °C                                      |
| Electrical resistance coating wire (Data)         | 20 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)                | 90 °C                                                |
| Operating temperature min. (dynamic)              | -20 °C                                               |
| Operating temperature max. (dynamic)              | 90 °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)                            | 8 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             | 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             |