

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.

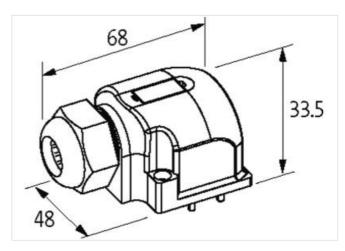
Plastic housings with good resistance against chemicals and oils.

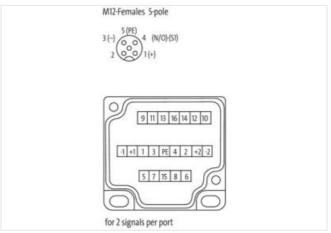
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration







Product may differ from Image



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

The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-05



stay connected

| 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 |
| Filler wire arrangement | yes 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) |
| | gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown- |
| 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) |
| wire arrangement Cable weigth | 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) 231 g/m |
| wire arrangement Cable weigth Material jacket | 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) 231 g/m PUR |
| wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) | 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) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 11,5 mm |
| wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) | 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) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 11,5 mm ± 5 % |
| wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation | 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) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 11,5 mm ± 5 % TPE-E |
| wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires | 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) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 11,5 mm ± 5 % TPE-E 16 |
| wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation | 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) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 11,5 mm ± 5 % TPE-E 16 1,6 mm |
| wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation | 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) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 11,5 mm ± 5 % TPE-E 16 1,6 mm ± 5 % |
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| wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) | 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) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 11,5 mm ± 5 % TPE-E 16 1,6 mm ± 5 % 55 ± 5 Shore D lead-free, CFC-free, halogen-free, silicone-free, LABS-free 64 0,1 mm 0,5 mm² Stranded copper wire, bare strand class 6 5 m @ 25 °C |
| wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Material wire insulation (Data) | 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) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 11,5 mm ± 5 % TPE-E 16 1,6 mm ± 5 % 55 ± 5 Shore D lead-free, CFC-free, halogen-free, silicone-free, LABS-free 64 0,1 mm 0,5 mm² Stranded copper wire, bare strand class 6 5 m @ 25 °C TPE-E |
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| Amount strands wire (Data) | 128 |
|---|--|
| Diameter of single wires (Data) | 0,1 mm |
| Conductor crosssection wire (Data) | 1 mm² |
| 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 |