

## **CAP FOR D-BOX M12 4-WAY 5-POLE**

No pot.-sep. 10m PUR/PVC, 8x0,34+3X0.75

for 4-way distribution boxes, 5-pole 10.0 m

Further cable lengths on request.

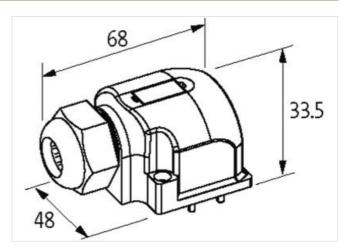
Plastic housings with good resistance against chemicals and oils.

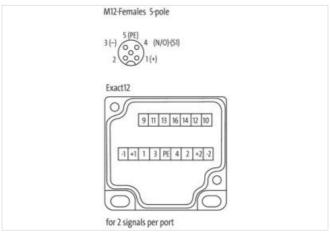
The resistance to aggressive media should be individually tested for your application. Further details on request.

## **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 |



stay connected

| ECLASS-10.1  | 27440108   |
|--|--|
| ECLASS-11.1  | 27440108   |
| ECLASS-12.0  | 27440108   |
| ETIM-5.0   | EC002585   |
| customs tariff number                                      | 85444290   |
| GTIN   | 4048879055581  |
| 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.                                 | 80 °C  |
| Additional condition temperature range                     | depending on cable quality   |
| Installation   Cable                                       |  |
| Cable identification                                       | 363  |
| Cable Type   | 2  |
| Function cable   | Hybrid, Signal, Power  |
| Jacket Color   | gray   |
| Type of Certificate  | cURus  |
| Amount stranding   | 1  |
| Stranding  | 2 wires with Filler twisted  |
| Amount stranding (type 2)                                  | 1  |
| Stranding (type 2)   | 9 wires around Stranding combination twisted   |
| Cable shielding (type)                                     | copper braiding, bare  |
| Cable shielding (coverage)                                 | 85 %   |
| Filler   | yes  |
| wire arrangement   | white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) |
| Cable weigth   | 143 g/m  |
| Material jacket  | PUR  |
| Shore hardness jacket                                      | 87 ± 5 Shore A   |
|  | land from andmirm from CEO from pilling to from  |
| Freedom from ingredients (jacket)                          | lead-free, cadmium-free, CFC-free, silicone-free   |
| Outer-diameter (jacket)                                    | 8,1 mm   |
| Tolerance outer diameter (sheath)                          | ± 5 %  |
| Material inner jacket                                      | PVC  |
| Color (inner jacket)                                       | gray   |
| Material wire insulation                                   | PVC  |
| Amount wires   | 8  |
| 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  Amount strands (wire) | lead-free, cadmium-free, CFC-free, silicone-free  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 (Power)                           | PVC  |
| material with insulation (1 ower)                          |  |



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| 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 mm <sup>2</sup>                                 |
| 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 ℃   |
| 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                                    | 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. @ 25 °C                                       |
| Traversing distance (C-track)                     | 5 m @ 25 °C  |
| Travel speed (C-track)                            | 2 m/s @ 25 °C  |
| Connection type 3                                 |  |
| Family construction form                          | free cable end                                       |
| No. of poles                                      | 11   |
| Family construction form                          | free cable end                                       |
| No. of poles                                      | 13   |
| 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   |