

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

No pot-sep. 20m PUR/PVC 3X0.75+16x0,34

for 8-way distribution boxes, 5-pole 20.0 m

Further cable lengths on request.

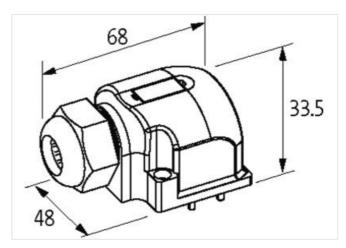
Plastic housings with good resistance against chemicals and oils.

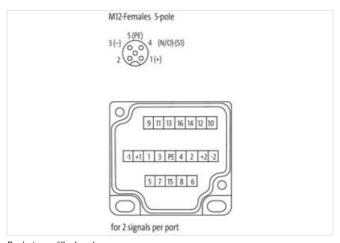
The resistance to aggressive media should be individually tested for your application. Further details on request.

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

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Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-19



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ECLASS-10.1 27440108 ECLASS-11.1 27440108 ECLASS-12.0 27440108 ECLASS-12.0 1 27440108 ECLASS-12.0 1 27440108 ECLASS-12.0 1 27440108 ETIM-5.0
ECLASS-12.0 27440108 ETIM-5.0 EC002585 customs tariff number 85444290 GTIN 4048879053778 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 I Type 2 Jacket Color gray Type of Certificate cURus STOOW style jacket Hybrid, Signal, Power Amount stranding 1 Stranding 7 wires around Core filler twisted Amount stranding (type 2) 1 Stranding (type 2) 1 Stranding (type 2) 1
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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
Amount strands (wire) 19
Diameter of single wires 0,15 mm
Conductor crosssection (wire) 0,34 mm ²
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



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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)	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
Traversing distance (C-track)	5 m @ 25 °C
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
Loop resistance	7,8 A
Max. rated voltage power (conductor - ground)	300 V
Max. rated voltage power (conductor - conductor)	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	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
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