

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

No pot.-sep. 5m PUR, 8x0,5+3x1,0

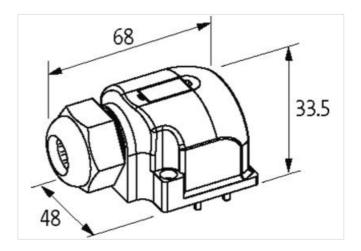
for 4-way distribution boxes, 5-pole 5.0 m Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

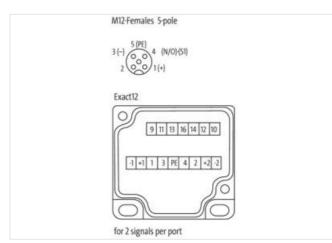
The resistance to aggressive media should be individually tested for your application. Further details on request.

## 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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Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.de | shop.murrelektronik.de



ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879055529
Packaging unit	1
Electrical data   Supply	
Total current max.	8 A
Device protection   Media	0 A
• •	The second s
Flame resistance	flame retardant
Mechanical data   Material data	
Material housing	Plastic
Environmental characteristics   Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	℃ 08
Additional condition temperature range	depending on cable quality
Installation   Cable	
Cable identification	448
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	2 wires with Filler twisted
Stranding factor min.	51 mm
Stranding factor max.	51 mm
Amount stranding (type 2)	1
Stranding (type 2)	9 wires around Stranding combination counter-rotating twisted
Stranding factor min. (type 2)	100 mm
Stranding factor max. (type 2)	100 mm
Banding	Fleece
Filler	yes
wire arrangement	white, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)
Cable weigth	146,3 g/m
Material jacket	
	PUR
Shore hardness jacket	94 ± 5 Shore A
Shore hardness jacket Freedom from ingredients (jacket)	
	94 ± 5 Shore A
Freedom from ingredients (jacket)	94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Freedom from ingredients (jacket) Outer-diameter (jacket)	94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9 mm
Freedom from ingredients (jacket)   Outer-diameter (jacket)   Tolerance outer diameter (sheath)	94 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free   9 mm   ± 5 %
Freedom from ingredients (jacket)   Outer-diameter (jacket)   Tolerance outer diameter (sheath)   Material wire insulation	94 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free   9 mm   ± 5 %   TPE-E
Freedom from ingredients (jacket)   Outer-diameter (jacket)   Tolerance outer diameter (sheath)   Material wire insulation   Amount wires	94 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free   9 mm   ± 5 %   TPE-E   8
Freedom from ingredients (jacket)   Outer-diameter (jacket)   Tolerance outer diameter (sheath)   Material wire insulation   Amount wires   Outer diameter insulation	94 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free   9 mm   ± 5 %   TPE-E   8   1,6 mm
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	94 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free   9 mm   ± 5 %   TPE-E   8   1,6 mm   ± 5 %   55 ± 3 Shore D   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
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)	94 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free   9 mm   ± 5 %   TPE-E   8   1,6 mm   ± 5 %   5 5 ± 3 Shore D
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	94 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free   9 mm   ± 5 %   TPE-E   8   1,6 mm   ± 5 %   55 ± 3 Shore D   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
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)	94 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free   9 mm   ± 5 %   TPE-E   8   1,6 mm   ± 5 %   55 ± 3 Shore D   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free   64   0,1 mm   0,5 mm <sup>2</sup>
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	94 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free   9 mm   ± 5 %   TPE-E   8   1,6 mm   ± 5 %   55 ± 3 Shore D   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free   64   0,1 mm
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)	94 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free   9 mm   ± 5 %   TPE-E   8   1,6 mm   ± 5 %   55 ± 3 Shore D   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free   64   0,1 mm   0,5 mm²   Stranded copper wire, bare   strand class 6
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)   Material wire insulation (Data)	94 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free   9 mm   ± 5 %   TPE-E   8   1,6 mm   ± 5 %   55 ± 3 Shore D   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free   64   0,1 mm   0,5 mm²   Stranded copper wire, bare
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)	94 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free   9 mm   ± 5 %   TPE-E   8   1,6 mm   ± 5 %   55 ± 3 Shore D   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free   64   0,1 mm   0,5 mm²   Stranded copper wire, bare   strand class 6

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Shore hardness wire insulation (Data)	55 ± 3 Shore D
Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-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)	500 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)	-40 °C
Operating temperature max. (dynamic)	90 °C
Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
No. of torsion cycles	0,5 Mio.
Torsion stress	± 180 °/m
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
-	

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