

CAP FOR D-BOX M12 8-WAY 4 POLE

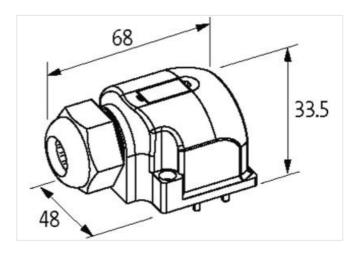
No pot.-sep. 10m PUR, 8x0,5+3x1,0

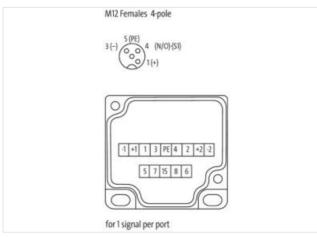
for 8-way distribution box, 4-pole 10.0 m Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

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	

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ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879365758
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.	2° 08
Additional condition temperature range	depending on cable quality
Installation Cable	
Cable identification	447
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
Filler	yes
wire arrangement	white, yellow, (blue, brown, green-yellow, gray, pink, red, green, black, violet)
Cable weigth	146,3 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Outer-diameter (jacket)	9.4 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	TPE-E
Amount wires	8
Outer diameter insulation	1,8 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	55 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Amount strands (wire)	64
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,5 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Material wire insulation (Data)	TPE-E
Outer diameter wire insulation (Data)	2,1 mm
Tolerance outer diameter wire insulation (data)	
Shore hardness wire insulation (Data)	55 ± 3 Shore D

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Amount strands wire (Data) 128 Diameter of single wires (Data) 0.1 mm Concluctor researchon wire (Data) Stranded copper wire, bare Wire conductor wire (Data) strand class 6 Max. rated voltage (conductor - orgound) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (min. Wire (Data) 15 A Electrical resistance line constant wire 39 0.2 km @ 20 °C Electrical resistance coating wire (Data) 24.V @ 60 a Ourrent load capacity min. Wire (Data) 15 A Electrical resistance coating wire (Data) 20.X m @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 a Power frequency withstand voltage (wire - wire) 2 kV @ 60 a Power frequency withstand voltage (wire - wire) 2 kV @ 60 a Power frequency withstand voltage (wire - wire) 2 kV @ 60 a Diameter coating wire (Data) 90 °C Operating temperature (max. (dynamic)) 40 °C Operating temperature (max. (dynamic)) 90 °C Operating temperature (max. (dynamic)) 90 °C Control to to the dameter Good, application-related testing <th>Ingredient freeness wire insulation (Data)</th> <th>lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free</th>	Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Diameter of single wires (Data) 0,1 mm Conductor crosssection wire (Data) 1 mm ³ Max rated voltage (conductor - conductor) 500 V Current load capacity min, wire 5,9 A Current load capacity min, wire 5,9 A Current load capacity min, wire (Data) 15 A Electrical resistance ine constant wire 39 0/xm @ 20 °C Electrical resistance conting wire (Data) 20 k/m @ 20 °C Ac withstand voltage (wire - wire) 2 k/ @ 60 s Power frequency withstand voltage (wire - wire) 2 k/ @ 60 s Min. operating temperature (fixed) 90 °C Operating temperature max. (dynamic) -40 °C Constructure max. (dynamic) 90 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Chemical tresistance Good, application-related testing Gasoline resistance Good, application-related testing Gaso	Amount wires (Data)	3
Conductor crosssection wire (Data) 1 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor wire (Data) Stranded copper wire, bare Max. rated voltage (conductor - conductor) 500 V Max. rated voltage (conductor - conductor) 500 V Current load capacity (Islandard) to DIN VDE 0298-4 Current load capacity min. wire 5,9 A Operating temperature (static) -40 °C Operating temperature (static)	Amount strands wire (Data)	128
Material conductor wire (Data) Stranded copper wire, bare Wire conductor ype (Data) strand class 6 Max, rated voltage (conductor - ground) 300 V Current load capacity (strandard) to DIN VDE C298-4 Current load capacity (win wire 5.9 A Current load capacity (win wire (Data) 15 A Electrical resistance ine constant wire 39 D/km @ 20 °C Electrical resistance coasing wire (Data) 20 N/km @ 20 °C Carrent load capacity (win wire) 24 N/@ 60 s Power frequency withstand voltage (wire - ice) 24 N/@ 60 s Power frequency withstand voltage (wire - ice) 24 N/@ 60 s Max. operating temperature (static) 40 °C Operating temperature (static) 40 °C Operating temperature (static) 90 °C Filame resistance UL 1581 § 1100 FT2 EC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Good, application-related testing Good Good, application-related testing Stramedee Good, application-related testing Good Coll resistance Good, application-related testing	Diameter of single wires (Data)	0,1 mm
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Max. rated voltage (conductor - conductor) 500 V Max. rated voltage (conductor - ground) 500 V Current load capacity (standard) to DN VDE 028-4 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 - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 40 °C Operating temperature (static) 40 °C Operating temperature (fixed) 90 °C Conscitution (fixed) 40 °C Banding radius (fixtallation) 40 °C Electrical existance Good, application-related testing Gasoline resistance Good, application-related testing Banding radius (fixed) x Outer diameter Banding radius (fixed) x Outer diameter Banding radius (graminic) 10 × Outer diameter	Material conductor wire (Data)	Stranded copper wire, bare
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Electrical resistance ine 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 - intervence	Current load capacity min. wire	5,9 A
Electrical resistance coating wire (Data) 20 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - acker and	Current load capacity min. Wire (Data)	15 A
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 max. (dynamic) -40 °C Operating temperature max. (dynamic) 90 °C Plane 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 Bending radius (installation) x Outer diameter Bending radius (installation) x Outer diameter Bending radius (fixed) x Outer diameter Bending radius (fixed) 5 Mio. @ 25 °C Connection type 2 Family construction form Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 <td>Electrical resistance line constant wire</td> <td>39 Ω/km @ 20 °C</td>	Electrical resistance line constant wire	39 Ω/km @ 20 °C
Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) 90 °C Operating temperature min. (dynamic) 90 °C Deperating 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 Ol resistance Good, application-related testing Ol resistance Good, application-related testing Ol resistance Good, application-related testing Point radius (installation) x Outer diameter Bending radius (installation) x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 E Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contat carrier black Coding A	Electrical resistance coating wire (Data)	20 Ω/km @ 20 °C
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Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -40 °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 Oil resistance Good, application-related testing Oil resistance Good, application-related testing Banding radius (installation) x Outer diameter Bending radius (istell x Outer diameter Bending radius (dynamic) 10 x Outer diameter Trave speed (C-track) 5 Mio. @ 25 °C Conection type 2 Family construction form Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 -	Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Operating temperature min. (dynamic)-40 °COperating temperature max. (dynamic)90 °CFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOll resistanceGood, application-related testingOll resistanceGood, application-related testingOll resistanceGood, application-related testingBending radius (installation)x Outer diameterBending radius (fixed)x Outer diameterBending radius (qynamic)10 x Outer diameterTravel speed (C-track)5 Mio.@ 25 °CConnection type 2Family construction formfree cable endNo. of poles11Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic)90 °CFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (installation)x Outer diameterBending radius (installation)x Outer diameterBending radius (fixed)x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles11Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1	Max. operating temperature (fixed)	90 °C
Flame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (installation)x Outer diameterBending radius (installation)x Outer diameterBending radius (dynamic)10 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles11Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1	Operating temperature min. (dynamic)	-40 °C
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Bending radius (fixed)x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles11Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1	Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles11Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1	Bending radius (installation)	x Outer diameter
Travel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles11Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1	Bending radius (fixed)	x Outer diameter
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Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1	Family construction form	free cable end
GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1	No. of poles	11
Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Family construction form	M12
Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Gender	female
No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Color contact carrier	black
PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Coding	A
PIN 2 n.c. PIN 3 - PIN 4 NO S 1	No. of poles	4
PIN 3 - PIN 4 NO S 1	PIN 1	+
PIN 4 NO S 1	PIN 2	n.c.
	PIN 3	-
PIN 5 PE	PIN 4	NO S 1
	PIN 5	PE

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