

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

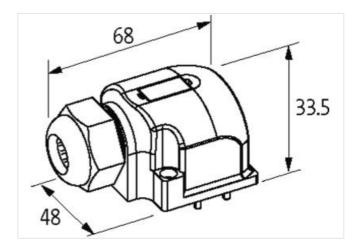
No pot-sep. 20m PUR/PVC3X0.75+8x0,34

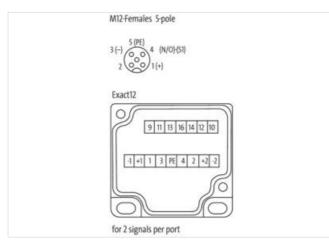
for 4-way distribution boxes, 5-pole 20.0 m Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

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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ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879055567
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
STOOW style jacket	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
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	lead-free, cadmium-free, CFC-free, silicone-free
Traversing distance (C-track)	5 m @ 25 °C
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
rmation in this Product-PDF has been compiled with the	litmoet eara

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Material wirk insulation (Power) PVC Oddr diamator wirk insulation 1.8 mm. Toprance outprise 45%. Since hardness wire insulation (Power) 45%. Since hardness wire insulation (Power) 45%. Diameter of single wire insulation (Power) 424 Diameter of single wire (Power) 24 Diameter of single wires (Power) 0.2 mm. Material conductor wire (Power) 0.2 mm. Conduct type wire (Power) 0.75 mm? Material conductor wire (Power) 0.75 mm? Material conductor wire (Power) Strandod copper wire, bars Contactor type wire (Power) Strandod copper wire, bars Control tod capacity (strandurd) to DN VE 0284-4 Current tod capacity (strandurd) to VE 000 s </th <th>Travel speed (C-track)</th> <th>3</th>	Travel speed (C-track)	3
Tolerance outer diameter wire insulation (Power) 45 % Shore hardness wire insulation (Power) 900d machinability Imgredent fenesses wire insulation (Power) 900d machinability Imgredent fenesses wire insulation (Power) 02 rm Wire conclusior resisses dation (Power) 02 rm Wire conclusior resisses dation (Power) 02 rm Wire conclusior resisses dation (Power) 03 rmande cooper wire, bare Conductor types wire (Power) Strande cooper wire, bare Conductor view (Power) Strande cooper wire, bare Conductor view (Power) Strande cooper wire, bare Conductor view (Power) Strande cooper wire, bare Construct types wire (Power) Strande cooper wire, bare Construct types wire (Power) Strande cooper wire, bare Construct types wire (Power) Strande cooper wire, bare Current load capacity (stin darity) to DIN VDE 0298-4 Current load capacity (stin darity) to DIN VDE 0298-4 Current load capacity (stin darity) to DIN VDE 0298-4 Current load capacity (stin darity) 20 °C Ac wittstand voltage (wire - eige Stin Mire 020 °C Ac wittstand voltage (wire -	Material wire insulation (Power)	PVC
(Fower) 45 % Shore hardness wire insulation (Power) 4355 Shore D Material properties wire insulation (Power) Iead-reac, cadmum/ree, CFC-tree, silicone-free Noruch strand wire (Power) 02 rm Wire conductor cross section (Power) 02 rm Wire conductor cross section (Power) 03 rando Copper wire, bare Conductor rows vire (Power) Shard dosp per wire, bare Conductor rows vire (Power) Shard dosp per wire, bare Conductor rows vire (Power) Shard dosp per wire, bare Conductor rows vire (Power) Shard dosp per wire, bare Conductor rows (Power) Shard dosp Max, rated voltage (conductor - crown) 300 V Loop resistance T, 8 A Current load capacity (standar) 10 NV VD 2028-4 Current load capacity (standar) 10 NV VD 2028-4 Current load capacity (standar) 20 °C Ac withstan voltage (wire (wire) 28 O Xm @ 20 °C Constructor (wire) 28 V @ 60 s Power (pacency Withstand Voltage (wire) 28 °C Constructor (wire) 28 °C @ O Dearabit (paperature max, (dyramaric) 5 °C<	Outer diameter wire insulation (Power)	1,8 mm
Material properties wire insulation (Power) good machinability Ingredient freeness wire insulation (Power) 24 Danote of single wires (Power) 0.2 mm Wire conductor or single wires (Power) 0.75 mm ³ Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) Stranded copper wire, bare Conductor vires (econduct - cround) 300 V Max rated voltage (conductor - ground) 300 V Corrent Load capacity (standard) to DIN VDE 0298-4 Current Load capacity (standard) to DIN VDE 0296-4 Current Load capacity (standard) to DIN VDE 0296-4 Current Load capacity (standard) to ZIN @ 020 °C Adwitstand voltage (wire) to XIN @ 020 °C		±5 %
Ingradient freeness wire insulation (Power) 24 Arnount strands wire (Power) 24 Dimater of single wires (Power) 0.7 mm ² 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 - origound) 300 V Loop resistance 7.8 A Current load capacity min. wire 4 A Electrical resistance barling wire (Power) 2 KV @ 60 s Current load capacity min. wire 4 A Electrical resistance containg wire (Power) 2 KV @ 60 s Power frequency withstand voltage (wire- sicket) 30 °C Amax. operating temperature (fixed) 30 °C Operating temperature (fixed)	Shore hardness wire insulation (Power)	43±5 Shore D
Amount strands wire (Power) 24 Diameter of single wires (Power) 0.75 mm³ Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) Stranded copper wire, bare Conductor type wire (Power) Stranded copper wire, bare Conductor type wire (Power) Strand class 5 Max, rade voltage (conductor - conductor) 300 V Loop resistance 7.8 A Current load capacity (standard) to DIN VDE 0296-4 Current load capacity (standard) to DIN VDE 0296-7 Power frequency withstand voltage (wire - alacontint) to DIN VDE 0296-7 </td <td></td> <td>good machinability</td>		good machinability
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Wire conductor cross section (Power) 0,75 mm ⁴ Material conductor wire (Power) Stranded copper wire, bare Concluctor type wire (Power) 300 V Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - conductor) 300 V Loop resistance 7.8 A Current load capacity (standard) to DN VDE 0298-4 Current load capacity (standard) 26 QAkm @ 20 °C Electrical resistance line constant wire 24 W @ 60 s Power frequency witsfand voltage (wire - wire) 24 W @ 60 s Power frequency witsfand voltage (wire - gakk@) 24 W @ 60 s Power frequency witsfand voltage (wire - gakk@) 30 °C Querating temperature (static) -30 °C Operating temperature (static) -30 °C Operating temperature (static) -50 °C Operating temperature (static) -50 °C Operating temperature (static) -50 °C Operating temperature (static) 50 °C Operating temperature (static) 50 °C Operating temperature max. (synamic) 70 °C Flame constance Good, application-related testing <td>Amount strands wire (Power)</td> <td>24</td>	Amount strands wire (Power)	24
Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) Strand class 5 Max, rated voltage (conductor - conductor) 300 V Loop resistance 7,8 A Current load capacity (standard) to DI NUDE 0298-4 Current load capacity (standard) to DI NUDE 029 °C AC withstand voltage (wire - wire) 2 kV Ø 60 s Max. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature (static) -5 °C Operating temperature (static) -6 °C Operating temperature (static) -70 °C Fiame resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good,	Diameter of single wires (Power)	0,2 mm
Conductor type wire (Power) Strand class 5 Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - ground) 300 V Loop resistance 7,8 A Current load capacity (standard) to DIN VDE 0298-4 Cauta capacity min. wire 4 A Electrical resistance inte constant wire 57 Q/km @ 20 °C Ac withstand voltage (wire - wire) 2 k/W @ 60 s Power frequency withstand voltage (wire - wire) 2 k/W @ 60 s power frequency withstand voltage (wire - wire) 2 k/W @ 60 s Quert standard (standard) 50 °C Operating temperature (tixed) 80 °C Operating temperature max. (dynamic) 70 °C Flam resistance Good, application-related testing Gausoline resistance Good, application-related testing Gareacine resistance	Wire conductor cross section (Power)	0,75 mm ²
Max. rated voltage (conductor - conductor) 300 V Loop resistance 7,8 A Current load capacity (standard) to DIN VDE 0299.4 Electrical resistance coating wire (Powen) 28.VQ @ 60 s AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - ispace frequency withstand voltage (wire - ispace frequency withstand voltage (wire - ispace frequency withstand voltage (Name): -5 °C Operating temperature (static) 30 °C	Material conductor wire (Power)	Stranded copper wire, bare
Max. rated voltage (conductor - ground) 300 V Loop resistance 7,8 A Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Electrical resistance inconstant wire 57 Qkm @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) - 30 °C Max. operating temperature (static) - 30 °C Max. operating temperature (static) - 30 °C Operating temperature (static) - 30 °C Operating temperature (static) - 30 °C Operating temperature mix. (dynamic) 70 °C Flame resistance UL 1551 § 1100 FT2 EC 60332-2-2 UL 1551 § 1090 Chemical resistance Good, application-related testing Gold application-related testing 00 Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (fixed) 5 × Our diameter Bending radius (fixed) 10	Conductor type wire (Power)	Strand class 5
Loop resistance 7,8 A 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 AC withstand voltage (wire - wire) 2 KV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature (static) -30 °C Gasoline resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Min. @ 25 °C Concetton type 3 - Family construction form free cable end No. of poles 13 Family construction form M12 <td>Max. rated voltage (conductor - conductor)</td> <td>300 V</td>	Max. rated voltage (conductor - conductor)	300 V
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Electrical resistance conting wire (Power) 2 R Q m @ 20 °C Electrical resistance conting wire (Power) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (istaic) 30 °C Max. operating temperature (istaic) 80 °C Operating temperature (istaic) 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 Gasoline resistance Good, application-related testing Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Min. @ 25 °C Concetion type 3 11 Family construction form free cable end No. of poles 13 Family construction form free cable end No. of poles 13 Family construction form free cable end	Max. rated voltage (conductor - ground)	300 V
Current load capacity min. wire 4 A Electrical resistance line constant wire 57 Qkm @ 20 °C Electrical resistance in constant wire 26 Qkm @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power trequency withstand voltage (wire - jackal) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature (init.) -5 °C Operating temperature min. (dynamic) 70 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Oll resistance Good, application-related testing Dil resistance So Ulter diameter	Loop resistance	7,8 A
Current load capacity min. wire 4 A Electrical resistance line constant wire 57 Qkm @ 20 °C Electrical resistance in constant wire 26 Qkm @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power trequency withstand voltage (wire - jackal) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature (init.) -5 °C Operating temperature min. (dynamic) 70 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Oll resistance Good, application-related testing Dil resistance So Ulter diameter	Current load capacity (standard)	to DIN VDE 0298-4
Electrical resistance coating wire (Power) 26 Ω/km @20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - income wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature (static) -30 °C Operating temperature (static) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Ol resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (fixed) 5 x Outer diameter Tavel speed (C+tack) 2 Mio. @ 25 °C Connection type 3 11 Family construction form free cable end No. of poles 13 Family construction form M12 Gender female Color contact carrier black Coding		4 A
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Power frequency withstand voltage (wire - jacket)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (ixed)80 °COperating temperature (ixed)80 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1100 FT2 EC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOuter diameterTravel speed (C-track)2 No. Oz Det diameterTravel speed (C-track)2 No. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 4NO S 1	Electrical resistance coating wire (Power)	26 Ω/km @20 °C
jacket)Z kV @ 00 sMin. operating temperature (static)-30 °CMax. operating temperature (ixed)80 °COperating temperature (ix) (wnamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2 l UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingBending radius (fixed)5 x Outer diameterBending radius (fixed)5 x Outer diameterTravel speed (C-track)2 Mic. @ 25 °CConnection type 3Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 4NO S 1	AC withstand voltage (wire - wire)	2 kV @ 60 s
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Operating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOli resistanceGood, application-related testingOli resistanceGood, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)2 Mio. @ 25 °CConnection type 3Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackColingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Max. operating temperature (fixed)	0° 08
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 (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)2 Mio. @ 25 °CConnection type 3Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Operating temperature min. (dynamic)	-5 ℃
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Oil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)2 Mio. @ 25 °CConnection type 3Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 4NO S 1	chemical resistance	Good, application-related testing
Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)2 Mio. @ 25 °CConnection type 3Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-FIN 4NO S 1	Gasoline resistance	Good, application-related testing
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Travel speed (C-track)2 Mio. @ 25 °CConnection type 3Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Bending radius (fixed)	5 x Outer diameter
Connection type 3Family construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Bending radius (dynamic)	10 x Outer diameter
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Family construction formfree cable endNo. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Family construction form	free cable end
No. of poles13Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	No. of poles	11
Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Family construction form	free cable end
GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	No. of poles	13
Color contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Family construction form	M12
Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Gender	female
No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Color contact carrier	black
PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Coding	A
PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	No. of poles	5
PIN 3 - PIN 4 NO S 1	PIN 1	+
PIN 4 NO S 1	PIN 2	NC S 2
	PIN 3	-
PIN 5 PE	PIN 4	NO S 1
	PIN 5	PE

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