

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

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

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

Further cable lengths on request.

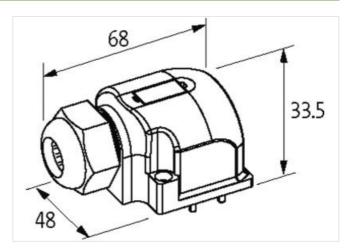
Plastic housings with good resistance against chemicals and oils.

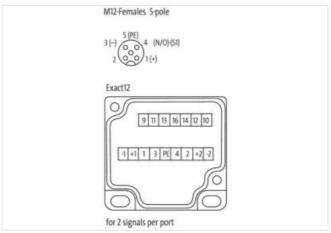
The resistance to aggressive media should be individually tested for your application. Further details on request.

## **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

The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-23



stay connected

ECLASS-11-1   27-40108   ECLASS-12-0   27-40108   ECLASS-12-0   27-40108   ECLASS-12-0   27-40108   ECLASS-12-0   27-40108   ECLASS-12-0   27-40108   ECLASS-12-0   ECLA	ECLASS-10.1	27440108
ECALSS 13.0   27440108		
EINAS.O ECOCEASS  customs toriff number 854290  GTM 404877095512  Packaging unit 1  Total curront max. 8 A  Device protection Ideals  Electrical data   Supply  Total curront max. 8 A  Device protection Ideals  Electrical data   Material data   Material data    Material housing Passic  Environmental characteristics   Climatic  Cpecating temperature min20 °C  Cpecating temperature min20 °C  Cpecating temperature max. 80 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Cable isothification 449  Justical Color gray  Type of Certificate culture max. 20 °C  Cathing temperature max. 80 °C  Cathing temperature max. 90 °C  Cathing temperature max. 90 °C  Filler gray  Stranding factor min. 90 °C  Stranding fa		
customs furfil number 85444290 GTN 404877095512 Packaging unit 1 Electrical data   Supply Total current max. 8 A  Device protection   Media Flame resistance   Rame retardant   Mechanical data   Material data   Material housing   Plastic   Environmental characteristics   Climatic   Operating temperature mix. 20 °C Operating temperature mix. 80 °C Additional condition temperature range   depending on cable quality   Institution   Cable   Cable identification   448 Jacket Color   gray Pype of Certificate   culffus   Type of Certificate   c		
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Packaging unit		
Bectrical data   Supply   Total current max.   8 A   Device protection   Media   Filter oreistance   flame retardant		
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Device protection   Media   Flame retardant		
Flame resistance flame retardant  Mechanical data   Material data  Material housing Plastic  Environmental characteristics   Climatic  Operating temperature min20 °C  Operating temperature max. 80 °C  Operating temperature max. 80 °C  Operating temperature max. 80 °C  Cabole dontification   448  Jacket Color gray  Type of Certificate cUPsus  Amount stranding 1  Stranding 2 virus with Filler twisted  Stranding factor min. 51 mm  Stranding factor min. 51 mm  Stranding factor max. 51 mm  Stranding flype 2) 9 wires around Stranding combination counter-rotating twisted  Stranding flype 2) 9 wires around Stranding combination counter-rotating twisted  Stranding flype 2) 100 mm  Stranding flype 2) 100 mm  Banding Fleece  Filler yes  wire arrangement white, yellow, (blue, brown, green-yellow, gray, gray prink, red blue, green, green-white, brown-green)  No. of bending cycles (C-track) 5 Mio. Ø25 °C  Cable weigh 146,3 g/m  Material jacket PUR  Shore hardress jacket PUR  Shore hardress giacket PUR  Material jacket purpose and pur		8 A
Material housing Plastic  Environmental characteristics   Climatic  Coperating temperature min. 20 °C  Operating temperature max. 80 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification 448  Jacket Cotor gray  Type of Certificate CURus  Amount stranding 1  Stranding 1  Stranding (actor min. 51 mm  Stranding factor min. 51 mm  Stranding factor min. 51 mm  Stranding factor min. (type 2)  1  Stranding factor min. (type 2)  1  Stranding factor min. (type 2)  1  Stranding factor min. (type 2)  100 mm  Banding  Fleece  Filler yes  Wire arrangement white, vallow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)  No. of bending cycles (Crack) 5 Mio. @ 25 °C  Cable weight Material jacket PUR  Shore hardness jacket PUR  Shore hardness jacket PUR  Shore hardness jacket PUR  Amount strandess jacket PUR  Shore hardness jacket 9 4 5 5 Shore A  Guler dameter (jacket) 9 mm  Tolerance outer dameter (schedti) 1.5 %  Shore hardness wire insulation TPE-E  Amount strands (wire) 64  Dameter of single wire selection (wire) 0.0 mm  Material local conductor wire Stranding combination (post-free, halogen-free, LABS-free  Amount strands (wire) 64  Dameter of single wire swire insulation (post-green) (post-free, halogen-free, silicone-free, LABS-free  Amount strands (wire) 64  Dameter of single wire swire insulation (post-green) (post-gr	Device protection   Media	
Environmental characteristics   Climatic	Flame resistance	flame retardant
Pervironmental characteristics   Climatic   Coperating temperature min.   -20 °C   Coperating temperature max.   80 °C   Additional condition temperature range   depending on cable quality     Pervironmental characteristics   Cable identification   448     Additional condition temperature range   depending on cable quality     Pervironmental condition   Pervironmental	Mechanical data   Material data	
Operating temperature min. 20 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality  Installation   Cable   Cable identification	Material housing	Plastic
Operating temperature max. 80 °C Additional condition temperature range depending on cable quality  Installation   Cable  Installation   Cable  Stranding factor max. 448  Jacket Color gray Type of Certificate cURus  Amount stranding 1  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 max. 51 mm  Amount stranding (type 2) 100 mm  Stranding factor max. (type 2) 100 mm  Stranding factor m	Environmental characteristics   Climatic	
Operating temperature max. 80 °C Additional condition temperature range depending on cable quality  Installation   Cable  Installation   Cable  Stranding factor max. 448  Jacket Color gray Type of Certificate cURus  Amount stranding 1  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 max. 51 mm  Amount stranding (type 2) 100 mm  Stranding factor max. (type 2) 100 mm  Stranding factor m		-20 °C
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Cable identification 448  Jacket Color gray  Type of Contificate cURus  Amount stranding 1  Stranding 2 wires with Filler twisted  Stranding factor min.  Stranding factor min. (type 2)  100 mm  Stranding factor min. (type 2)  Stranding factor min. (type (wire)  Stranding factor min. (type 2)  Stranding factor min. (type 2)  Stranding factor min. (type 2)  Stra		
Cable identification         448           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         2 wires with Filler twisted           Stranding factor min.         51 mm           Amount stranding (type 2)         1           Stranding factor min.         51 mm           Amount stranding (type 2)         9 wires around Stranding combination counter-rotating twisted           Stranding factor min. (type 2)         100 mm           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)           No. of bending cycles (C-track)         5 Mio. @ 25 °C           Cable weigth         146.3 g/m           Material jacket         PUR           Shore hardness jacket         94 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free           Outer-diameter (jacket)         9 mm           Older diameter folerance oore insulation         1,6 mm		depending on cable quality
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. (pye 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)           No. of bending cycles (C-track)         5 Mio. @ 25 °C           Cable weigth         146,3 g/m           Material jacket         PUR           Shore hardness jacket         94 ± 5 Shore A           Freedom from ingredients (jacket)         9 mm           Outer-diameter (jacket)         9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         TPE-E           Amount wires         8           Outer-diameter insulation         1,6 mm           Ou		
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 factor min. (type 2) 9 wires around Stranding combination counter-rotating twisted  Stranding factor min. (type 2) 100 mm  Stranding factor max. (type 2) 100 mm  White, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)  No. of bending cycles (C-track) 5 Mio. @ 25 °C  Cable weight 146.3 g/m  Material scket PUR  Shore hardness jacket 94 ± 5 Shore A  Freedom from ingrecilents (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Outer-diameter (jacket) 9 mm  Cultured diameter insulation TPE-E  Amount strand wire insulation 1,6 mm  Outer diameter toularance core insulation 1.6 mm  Outer diameter insulation 1.5 5 ½ Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Amount strands (wire) 0,1 mm  Conductor orsssection (wire) 0,5 mm²  Material conductor wire Stranded copper wire, bare	-	448
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 factor min. (type 2) 9 wires around Stranding combination counter-rotating twisted  Stranding factor min. (type 2) 100 mm  Stranding factor max. (type 2) 100 mm  Stranding factor max. (type 2) 100 mm  Banding Fiecce Filler yes wire arrangement white, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)  No. of bending cycles (C-track) 5 Mio. @ 25 °C  Cable weighh 146,3 g/m  Material jacket PUR  Shore hardness jacket 94 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE-E  Amount strands (wire) 64  Diameter of single wires 0,1 mm  Conductor possesserion (wire) 0,5 mm²  Material conductor wire Strands complete Strands complete Strands copper wire, bare  Material conductor wire Strands (price) Stranded copper wire, bare  Material conductor wire Strands (wire) Stranded copper wire, bare  Material conductor wire Strands (wire) Stranded copper wire, bare  Material wire insulation (Data) TPE-E		gray
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 min. (type 2) 100 mm  Stranding factor max. (type 2) 100 mm  Material factor max. (type 2) 100 mm  Stranding factor max. (type 2) 100 mm  Strand		
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  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)  No. of bending cycles (C-track) 5 Mio. @ 25 °C  Cable weigth 146,3 g/m  Material jacket PUR  Shore hardness jacket 94 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE-E  Amount wires 8  Outer diameter tolerance core insulation 1.6 mm  Outer diameter tolerance core insulation 1.6 mm  Outer diameter tolerance core insulation 1.6 mm  Ingredient freeness wire insulation 1.6 mm  Outer diameter tolerance core insulation 1.6 mm  Ingredient freeness wire insulation 1.6 mm  Outer of diameter tolerance core insulation 1.6 mm  Outer of diameter tolerance core insulation 1.6 mm  Outer of diameter insulation 1.6 mm  Outer of single wires 0.1 mm  Conductor crosssection (wire) 64  Diameter of single wires 0.1 mm  Conductor type (wire) 5tranded copper wire, bare  Material conductor wire 1 stranded copper wire, bare  Material wire insulation (Data) TPE-E	Amount stranding	1
Stranding factor max. 51 mm  Amount stranding (type 2) 1  Stranding (type 2) 9 wires around Stranding combination counter-rotating twisted  Stranding factor max. (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)  No. of bending cycles (C-track) 5 Mio. @ 25 °C  Cable weight 146,3 g/m  Material jacket PUR  Shore hardness jacket 94 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE-E  Amount wires 8  Outer diameter insulation 1,6 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 mm²  Material owine insulation (Data) TPE-E	Stranding	2 wires with Filler twisted
Amount 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)  No. of bending cycles (C-track) 5 Mio. @ 25 °C  Cable weigth 146,3 g/m  Material jacket PUR  Shore hardness jacket 94 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE-E  Amount wires 8  Outer diameter insulation 1,6 mm  Outer diameter rolerance core insulation ± 5 %  Shore hardness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Ingredient freeness wire insulation eard-ree, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Amount wires 0  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 cross-section (wire) 0,5 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Material wire insulation (Data) TPE-E	Stranding factor min.	51 mm
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)  No. of bending cycles (C-track) 5 Mio. @ 25 °C  Cable weigth 146,3 g/m  Material jacket PUR  Shore hardness jacket 94±5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ±5 %  Material wire insulation TPE-E  Amount wires 8  Outer diameter insulation 1,6 mm  Outer diameter lolerance core insulation ±5 5%  Shore hardness wire insulation 1 lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  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 mm²  Material owner insulation (Data) TPE-E  Outer diameter insulation 1,5 mm²  Material orductor type (wire) strand class 6  Material wire insulation (Data) TPE-E	Stranding factor max.	51 mm
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) No. of bending cycles (C-track) 5 Mio. @ 25 °C  Cable weigth 146,3 g/m  Material jacket PUR Shore hardness jacket 94 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE-E  Amount wires 8  Outer diameter insulation 1,6 mm  Outer diameter core 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 mm²  Material owner insulation Clata) TPE-E  Outer diameter of single wires Stranded copper wire, bare  Conductor type (wire) strand class 6  Material wire insulation (Data) TPE-E		
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) No. of bending cycles (C-track) 5 Mio. @ 25 °C Cable weigth 146,3 g/m Material jacket PUR Shore hardness jacket 94±5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free Outer-diameter (jacket) 9 mm Tolerance outer diameter (sheath) ±5 % Material wire insulation TPE-E Amount wires 8 Outer diameter insulation 1,6 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 Octor diameter of single wires 0,1 mm Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) TPE-E		9 wires around Stranding combination counter-rotating twisted
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wire arrangement white, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)  No. of bending cycles (C-track) 5 Mio. @ 25 °C  Cable weigth 146,3 g/m  Material jacket PUR  Shore hardness jacket 94 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE-E  Amount wires 8  Outer diameter insulation 1,6 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 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Material wire insulation (Data) TPE-E		Fleece
No. of bending cycles (C-track)  5 Mio. @ 25 °C  Cable weigth  146,3 g/m  Material jacket  PUR  Shore hardness jacket  94 ± 5 Shore A  Freedom from ingredients (jacket)  0uter-diameter (jacket)  9 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  TPE-E  Amount wires  8  Outer diameter tolerance core insulation  1,6 mm  Outer diameter tolerance core insulation  55 ± 3 Shore D  Ingredient freeness wire insulation  Ingredient freeness wire insulation  Ingredient freeness wire insulation  Diameter of single wires  0,1 mm  Conductor crosssection (wire)  Material owner  Stranded copper wire, bare  Conductor type (wire)  Material wire insulation (Data)  TPE-E  Amount strands (wire)  Stranded copper wire, bare  Material wire insulation (Data)  TPE-E	Filler	-
Cable weigth 146,3 g/m  Material jacket PUR  Shore hardness jacket 94 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Outer-diameter (jacket) 9 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE-E  Amount wires 8  Outer diameter insulation 1,6 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 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Material wire insulation (Data) TPE-E		
Material jacket PUR Shore hardness jacket 94 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free Outer-diameter (jacket) 9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE-E Amount wires 8 Outer diameter insulation 1,6 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 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) TPE-E		
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Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  ### Amount wires  Outer diameter tolerance core insulation  TPE-E  Amount wires  Outer diameter tolerance core insulation  ### Afterial wire insulation  Touter diameter tolerance core insulation  ### Afterial wire insulation (Data)  ### Afterial wire insulation (Data)  ### Afterial wire insulation (Data)  #### Afterial wire insulation (Data)  ### Afterial wire insulation (Data)  #### Afterial wire insulation (Data)  ##### Afterial wire insulation (Data)  #### Afterial wire insulation (Data)  ##### Afterial wire insulation (Data)  ##### Afterial wire insulation (Data)  ######## Afterial wire insulation (Data)  ##################################		
Outer-diameter (jacket)     9 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     TPE-E       Amount wires     8       Outer diameter insulation     1,6 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 mm²       Material conductor wire     Stranded copper wire, bare       Conductor type (wire)     strand class 6       Material wire insulation (Data)     TPE-E	·	94 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE-E  Amount wires 8  Outer diameter insulation 1,6 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 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Material wire insulation (Data) TPE-E		
Material wire insulation       TPE-E         Amount wires       8         Outer diameter insulation       1,6 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 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         Material wire insulation (Data)       TPE-E		
Amount wires 8 Outer diameter insulation 1,6 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 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) TPE-E	Tolerance outer diameter (sheath)	
Outer diameter insulation 1,6 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 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Material wire insulation (Data) TPE-E	Material wire insulation	TPE-E
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 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         Material wire insulation (Data)       TPE-E		
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 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Material wire insulation (Data) TPE-E	-	
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 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Material wire insulation (Data) TPE-E	Outer diameter tolerance core insulation	
Amount strands (wire) 64  Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,5 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Material wire insulation (Data) TPE-E		
Diameter of single wires 0,1 mm  Conductor crosssection (wire) 0,5 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Material wire insulation (Data) TPE-E	- <u>-</u>	
Conductor crosssection (wire) 0,5 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Material wire insulation (Data) TPE-E		64
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) TPE-E		0,1 mm
Conductor type (wire) strand class 6  Material wire insulation (Data) TPE-E	Conductor crosssection (wire)	0,5 mm²
Material wire insulation (Data) TPE-E	Material conductor wire	Stranded copper wire, bare
		strand class 6
Outer diameter wire insulation (Data) 2,1 mm		
	Outer diameter wire insulation (Data)	2,1 mm



stay connected

Tolerance outer diameter wire insulation (data)	±5%
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 mm²
Material conductor wire (Data)	Stranded copper wire, bare
Wire conductor type (Data)	strand class 6
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
Max. rated voltage power (conductor - ground)	300 V
Max. rated voltage power (conductor - conductor)	500 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)	-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 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