

## **CAP FOR D-BOX M12 8-WAY 4 POLE**

No pot.-sep. 20m PUR, 8x0,5+3x1,0

for 8-way distribution box, 4-pole 20.0 m

Further cable lengths on request.

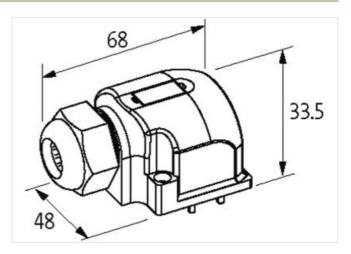
Plastic housings with good resistance against chemicals and oils.

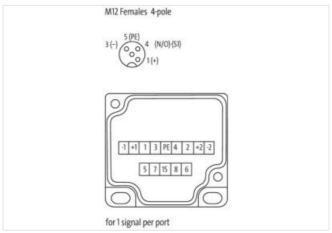
The resistance to aggressive media should be individually tested for your application. Further details on request.

## **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

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	FOLACO 10.1	07440100
ECAMS \$120         Z*440198           ETIM-5.0 in number         85444299           GTIN         4088973955819           Packaging unit         1           Electrical data   Supply           Total current max         8 A           Device protection   Media           Fame resistance         Ilame restardant           Mechanizad data   Material data           Mechanizad data   Material data           Metrical housing         Peastic           Environmental characteristics   Climatic           Operating semperature mix         20 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         427           Cable identification   Cable         447           Jacked Cobin         gray           Type of Certificate         CUPus           Amount stranding         1           Stranding factor mix         5 I mm           Stranding factor mix         5 I mm           Stranding factor mix (type 2)         100 mm           Stranding factor mix (type 2)	ECLASS-10.1	27440108
ETIMS 5.0         ECOZIOSES           Custionns fairff number         85444290           GTIN         4048879898819           Packaging und         1           Electrical data IS Supply         1           Total current max.         8 A           Device protection I feedia           Image: Plant or estatation           Mactional Device of Image: Plant or estatation           Mactional Device of Image: Plant or estatation or		
customs tariff number         95444290           GTIN         4048879385819           Packaging unit         1           Electrical data   Supply           Total current max         8           Device protection   Media           Flame resistance         ffame retardant           Mechanical data   Material data           Material housing         Plastic           Environmental characteristics   Climatic           Operating temperature min.         -20 °C           Operating temperature min.         -80 °C           Additional condition temperature range         depending on cable quality           Institution Cable         447           Jacket Color         gray           Type of Certificate         QL/Rus           Amount stranding         1           Stranding factor min.         51 mm           Stranding factor min.         51 mm           Stranding factor min.         51 mm           Stranding factor min. (type 2)         100 mm           Stranding factor min. (type 2)         9 wives around Stranding combination counter-r		
OTIN         404887956819           Packaging unit         1           Electrical data   Supply           Total current max.         8 A           Device protection   Ideala           Illume restance         If name restandant           Illume restance         If name restandant           Inchanical data   Material data         Material housing         Pleaste           Environmental characteristics   Climate         Coperating temperature min.         -20 °C           Coperating temperature max.         80 °C         Additional condition temperature range         44 °C           Additional condition temperature range         44 °C         Amount standant         Current properature range           Lobel colori         grey         Current properature range         Current properature range         Amount standing         1           Type of Conflication         44 °T         Amount standing         1         Amount standing         1           Stranding factor min.         51 mm         First properature standing         1         Amount standing (type 2)         1         1         Amount standing (type 2)         1<		
Peckaging unit   1   1   1   1   1   1   1   1   1		
Electrical data   Supply         8 A           Device protection   Media           Flamor resistance         flamor retardant           Nechanical data   Material data         Material housing         Plastic           Environmental characteristics   Climatic         Environmental characteristics   Climatic           Operating temperature min.         -20 °C         Coperating temperature many.         80 °C           Additional condition temperature range         depending on cable quasity           Installation   Cable         447           Cable identification         448           Amount stranding         1           Type of Calification         2 wires with Filier twisted           Stranding flactor min.         5 1 mm           Stranding flactor mix.         5 1 mm           Anount stranding (type 2)         1           Stranding flactor mix. (type 2)         100 mm           Stranding spokes (C-track)         8 Mo. @ 25 °C           Gable weight         16.3 g/m           Muterial jacket         PUR           Shore hardness (acket)         85 °S Shore A <td></td> <td></td>		
Total current max. 8 A  Device protection   Media  Flame resistance   flame retardant    Mechanical data  Material data    Mechanical data  Mechanical data  Mechanical data    Mechanical data  Mechanical data  Mechanical data    Mechanical data  Mec		1
Pervice protection   Media	Electrical data   Supply	
Flame resistance  Mechanical data   Material data  Material housing  Plastic  Environmental characteristics   Climatic  Operating temperature min. 20 °C  Operating temperature max. 80 °C  Operating temperature max. 80 °C  Additional condition temperature range depending on cable quality  installiation   Cable  Cable identification   447  Jacket Cobor gray  Type of Certificate cURus  Amount stranding 1 1  Stranding factor min. 51 mm  Stranding factor min. 51 mm  Stranding factor max. 51 mm  Stranding factor max. 51 mm  Stranding factor max. 9 wires around Stranding combination counter-rotating twisted  Stranding factor max. (type 2) 100 mm  Stranding factor min. (type 2) 100 mm  Stranding factor min. (type 2) 10	Total current max.	8 A
Material housing Plastic  Environmental characteristics   Climatic  Coperating temperature min.	Device protection   Media	
Material housing Plastic  Environmental characteristics   Climatic  Operating temperature min. 20 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification   A47  Jacket Color gray  Type of Certificatea CURus  Amount stranding 1 1  Stranding 1 1  Stranding factor min. 5 1 mm  Stranding factor max. 51 mm  Amount stranding (type 2)  Stranding factor max. 51 mm  Amount stranding (type 2)  Stranding factor max. (type 2) 1 00 mm  Stranding factor min. (type 2) 100 mm  S	Flame resistance	flame retardant
Containing temperature min.   -20 °C	Mechanical data   Material data	
Operating temperature min20 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality  Installation   Cable   Cable identification	Material housing	Plastic
Operating temperature min20 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality  Installation   Cable   Cable identification	Environmental characteristics   Climatic	
Operating lemperature max. 80 °C Additional condition temperature range depending on cable quality  Installation   Cable  Installation   Cable  Installation   Cable  Installation   Cable    Installa	·	20.00
Additional condition temperature range depending on cable quality  Installation   Cable    Cable identification	· · · ·	
Installation   Cable           Cable identification         447           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 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           Filler         yes           wire arrangement         white, yellow, (blue, brown, green-yellow, gray, pirk, red, green, black, violet)           No. of bending cycles (C-track)         5 Mio. @ 25 °C           Cable weigth         146,3 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (facket)         9.4 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         TPE-E           Amount wires         8           Outer diameter insulation         ± 5 %           Shore hardness wire insulation         1,8 mm           Outer diameter foliameter		
Cable identification         447           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         2 wires with Filler twisted           Stranding factor mix.         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 min. (type 2)         100 mm           Stranding factor mix. (type 2)         100 mm           Filler         yes           wire arrangement         white, yellow, (blue, brown, green-yellow, gray, pink, red, green, black, violet)           No. of bending cycles (C-track)         5 Mr. @ 25 °C           Cable weight         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 %           Amount wires         8           Outer diam		depending on cable quality
Jacket Color gray Type of Cartificate cURus Amount stranding 1 Stranding 2 wires with Filler twisted Stranding factor min. 51 mm Amount stranding (type 2) Stranding factor max. 51 mm Amount stranding (type 2) 1 Stranding factor max. 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 Stranding factor max. (type 2) 100 mm Stranding factor max. (type 2) 100 mm Stranding tactor max. (type 2) 100 mm Stranding factor max. (type 2) 100 mm Stranding		
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 min. (type 2) 100 mm  Stranding factor max. (type 2) 100 mm  Stranding factor max. (type 2) 100 mm  Filler yes  Wes  Wes  Wes  White, yellow, (blue, brown, green-yellow, gray, pink, red, green, black, violet)  No. of bending cycles (C-track) 5 Mio. @ 25 °C  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 tolerance core insulation 1,8 mm  Outer diameter tolerance core insulation 55 ± 3 Shore D  Ingredient freeness wire insulation 1,8 mm  Conductor crosssection (wire) 0,5 mm²  Material conductor wire 5 stranded copper wire, bare  Outer diameter wire insulation 1,7 mm  Conductor crosssection (wire) 1,8 mm  Conductor type (wire) 1,4 mm  Material wire insulation (Data) 7PE-E	Cable identification	447
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  Filler yes wire arrangement white, yellow, (blue, brown, green-yellow, gray, pink, red, green, black, violet) No. of bending cycles (C-track) 5 Mio. @ 25 °C Cable weigh 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 tolerance core insulation 55 ± 3 Shore D Ingredient freeness wire insulation 1,8 mm Outer diameter insulation 44 Diameter of single wires 0,1 mm Conductor orsessection (wire) 6,4 Diameter of single wires 0,1 mm Material conductor wire Strand doopper wire, bare Material unique insulation (Data) TPE-E Outer diameter wire insulation (Data) TPE-E Outer diameter wire insulation (Data) TPE-E	Jacket Color	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 max. (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)  No. of bending cycles (C-track) 5 Mio. @ 25 °C  Cable weight 146,3 g/m  Material jacket PUR  Store hardness jacket 85 5.5 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 tolerance core insulation 1,8 mm  Outer diameter tolerance core insulation 55 ± 3 Shore D  Ingredient freeness wire insulation 1,8 mm  Outer diameter rolerance core insulation 1,8 mm  Outer diameter rolerance swire insulation 1,8 mm  Outer diameter rolerance swire insulation 1,8 mm  Outer diameter rolerance swire insulation 1,8 mm  Outer diameter of single wires 0,1 mm  Conductor prosssection (wire) 64  Diameter of single wires 0,1 mm  Conductor ovire Stranded copper wire, bare  Conductor type (wire) strand class 6  Material wire insulation (Data) TPE-E  Outer diameter wire insulation (Data) TPE-E	Type of Certificate	cURus
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  Stranding factor max. (type 2) 100 mm  Filler yes  wire arrangement white, yellow, (blue, brown, green-yellow, gray, pink, red, green, black, violet)  No. of bending cycles (C-track) 5 Mio. @ 25 °C  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 tolerance core insulation 1,8 mm  Outer diameter tolerance 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 orsssection (wire) 0,5 mm²  Material wire insulation (Data) TPE-E  Outer diameter 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 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)  No. of bending cycles (C-track) 5 Mio. @ 25 °C  Cable weigh 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 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 onductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Material wire insulation (Data) TPE-E  Outer diameter vire insulation (Data) 1,7 mm	Stranding	2 wires with Filler twisted
Amount stranding (type 2)  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)  No. of bending cycles (C-track)  5 Mio. @ 25 °C  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 tolerance core insulation  1,8 mm  Outer diameter tolerance 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  Amount strands (wire)  64  Diameter of single wires  0,1 mm  Conductor crosssection (wire)  O,5 mm²  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  Stranded copper wire, bare  Outer diameter wire insulation (Data)  TPE-E  Outer diameter wire insulation (Data)  7 EFE  Outer diameter wire insulation (Data)	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  Filler yes  white, yellow, (blue, brown, green-yellow, gray, pink, red, green, black, violet)  No. of bending cycles (C-track) 5 Mio. @ 25 °C  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 of erinsulation 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 own free insulation (Data) TPE-E  Outer diameter vire insulation (Data) 1, FE-E  Outer diameter vire insulation (Data) 2,1 mm	Stranding factor max.	51 mm
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)  No. of bending cycles (C-track) 5 Mio. @ 25 °C  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 tolerance core insulation 1,8 mm  Outer diameter tolerance 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 conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Material wire insulation (Data) 7FE-E  Outer diameter wire insulation (Data) 2,1 mm	Amount stranding (type 2)	1
Stranding factor max. (type 2) 100 mm  Filler yes wire arrangement white, yellow, (blue, brown, green-yellow, gray, pink, red, green, black, violet) No. of bending cycles (C-track) 5 Mio. @ 25 °C  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 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  Outer diameter wire insulation (Data) 1,7 E-E  Outer diameter wire insulation (Data) 1,8 mm	Stranding (type 2)	9 wires around Stranding combination counter-rotating twisted
Filler yes wire arrangement white, yellow, (blue, brown, green-yellow, gray, pink, red, green, black, violet) No. of bending cycles (C-track) 5 Mio. @ 25 °C 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 tolerance core insulation ± 5 % Shore hardness wire 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) 7PE-E Outer diameter wire insulation (Data) 2,1 mm	Stranding factor min. (type 2)	100 mm
wire arrangement white, yellow, (blue, brown, green-yellow, gray, pink, red, green, black, violet)  No. of bending cycles (C-track) 5 Mio. @ 25 °C  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 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) strand class 6  Material wire insulation (Data) TPE-E  Outer diameter wire insulation (Data) TPE-E  Outer diameter wire insulation (Data) TPE-E	Stranding factor max. (type 2)	100 mm
No. of bending cycles (C-track)  5 Mio. @ 25 °C  Cable weight  146,3 g/m  Material jacket  PUR  Shore hardness jacket  85 ± 5 Shore A  Freedom from ingredients (jacket)  Duter-diameter (jacket)  9,4 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  TPE-E  Amount wires  8  Outer diameter tolerance core insulation  Shore hardness wire insulation  55 ± 3 Shore D  Ingredient freeness wire insulation  Ingredient freeness wire insulation  Fee, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Amount wires  8  Outer diameter tolerance core insulation  Shore hardness wire insulation  55 ± 3 Shore D  Ingredient freeness wire insulation  Ingre	Filler	yes
Cable weigth  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  \$\frac{\pmathrm{\text{5}}{\pmathrm{\text{5}}}}{\pmathrm{\text{5}}{\pmathrm{\text{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  Outer diameter wire insulation (Data)  TPE-E  Outer diameter wire insulation (Data)  1,6 %  1,6 %	wire arrangement	white, yellow, (blue, brown, green-yellow, gray, pink, red, green, black, violet)
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 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) TPE-E Outer diameter wire insulation (Data) 1,5 mm	No. of bending cycles (C-track)	5 Mio. @ 25 °C
Shore hardness jacket  Freedom from ingredients (jacket)  Duter-diameter (jacket)  Quer-diameter (jacket)  Py.4 mm  Tolerance outer diameter (sheath)  Atterial wire insulation  TPE-E  Amount wires  B  Quer diameter insulation  Anount diameter tolerance core insulation  Freeness wire insulation  Diameter freeness wire insulation  Ead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Amount strands (wire)  64  Diameter of single wires  Out mm  Conductor crosssection (wire)  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  Stranded cass 6  Material wire insulation (Data)  TPE-E  Outer diameter wire insulation  1,8 mm  Corect free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  64  Diameter of single wires  O,1 mm  Conductor crosssection (wire)  Tre-E  Outer diameter wire insulation (Data)  TPE-E  Outer diameter wire insulation (Data)  TPE-E  Outer diameter wire insulation (Data)  2,1 mm	Cable weigth	146,3 g/m
Freedom from ingredients (jacket)  Outer-diameter (jacket)  9,4 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  TPE-E  Amount wires  8  Outer diameter tolerance core insulation  1,8 mm  Outer diameter tolerance core insulation  55 ± 3 Shore D  Ingredient freeness wire insulation  Ingredient freeness wire insulation  Ingredient freeness wire insulation  Free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Amount strands (wire)  64  Diameter of single wires  O,1 mm  Conductor crosssection (wire)  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  Material wire insulation (Data)  TPE-E  Outer diameter wire insulation (Data)  TPE-E  Outer diameter wire insulation (Data)  Tele  Outer diameter wire insulation (Data)	Material jacket	PUR
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 mm²  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	Shore hardness jacket	85 ± 5 Shore A
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 mm²  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	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
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 mm²         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	Outer-diameter (jacket)	9,4 mm
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 mm²  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 (sheath)	± 5 %
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 mm²  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	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  Outer diameter wire insulation (Data) 2,1 mm	Amount wires	8
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  Outer diameter wire insulation (Data) 2,1 mm	Outer diameter insulation	1,8 mm
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 wire insulation (Data) 2,1 mm	Outer diameter tolerance core insulation	± 5 %
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 wire insulation (Data) 2,1 mm	Shore hardness wire insulation	55 ± 3 Shore D
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 wire insulation (Data) 2,1 mm	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
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 wire insulation (Data) 2,1 mm	Amount strands (wire)	64
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	Diameter of single wires	0,1 mm
Conductor type (wire) strand class 6  Material wire insulation (Data) TPE-E  Outer diameter wire insulation (Data) 2,1 mm	Conductor crosssection (wire)	0,5 mm²
Material wire insulation (Data)  TPE-E  Outer diameter wire insulation (Data)  2,1 mm	Material conductor wire	Stranded copper wire, bare
Outer diameter wire insulation (Data) 2,1 mm	Conductor type (wire)	strand class 6
Outer diameter wire insulation (Data) 2,1 mm	Material wire insulation (Data)	TPE-E
Tolerance outer diameter wire insulation (data) ±5 %	Material wife insulation (Data)	
		2,1 mm



stay connected

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 § 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   DIN EN 60811-404
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Connection type 2	
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	-
PIN 4	NO S 1
PIN 5	PE