

## **EXACT8, 8XM8, 3 POLE MOULDED CABLE**

5.0m PUR 8x0,34+2x0,75, UL/CSA

8-way, 3-pole 5.0 m

Further cable lengths on request.

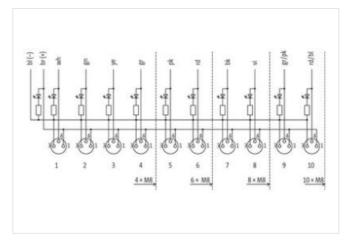
Plastic housings with good resistance against chemicals and oils.

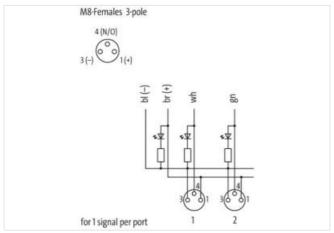
The resistance to aggressive media should be individually tested for your application. Further details on request.

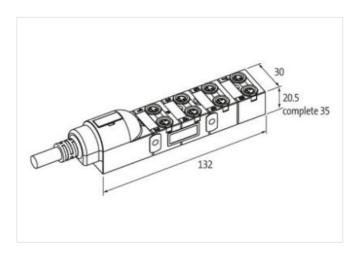
## **Link to Product**

## Illustration









Product may differ from Image









Commercial data		
ECLASS-6.0	27143423	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	
ECLASS-8.0	27279219	
ECLASS-9.0	27440108	

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: 2024-04-19



stay connected

EGLASS 11:0         2740108           EGLASS 12:0         2740108           EGLASS 12:0         EC002685           customs brill number         85444290           GTIN         404857964737           Peckaga punt         1           Electrical data   Supply         Permany organizations           Current operating per contact max.         2 A           Total current max.         8 A           Industrial communication         Industrial communication           Number of signals per port         1           Mounting set         M8 x 1           Device protection   Electrical         Permany organization   Permany organizati	ECLASS-10.1	27440108
ECLNS 5.2 0         2740108           ETIMS 5.0         ECONSESS           COTIN         4048879054737           Probadying unit         1           Electrical data   Supply           Operating voltage DC         24 V           Current operating per contact max.         2 A           Total current max.         8 A           Industrial communication         Industrial communication           Mounting set         M8 x 1           Device protection   Electrical         Degree of protection   Electrical           Degree of protection (EN IEC 60529)         P65, P67           Device protection   Modia         Huma restance           Huma restance         Schraubgewinde           Mochanical data   Mounting data         Washing restance           Environmental chracteristics   Climatic         Weber protection   Electrical           Mounting method         Schraubgewinde           Environmental chracteristics   Climatic         Washing method           Operating traperature min.         20 °C           Operating traperature min.         30 °C           Operating traperature min.         40 °C           Operating traperature min.         40 °C           Operating traperature min.         40 °C           Operating tr		
ETIMS 0.0         ECONCESS           CRTIN         4048079054737           Packaging unit         1           Electrical datal Supply         Courrent operating per contact max.         2 A           Courrent operating per contact max.         8 A           Total current max.         8 A           Industratio communication         Number of signals per port.           Mounting set         M8 x 1           Device protection [Electrical         Device protection [Electrical           Device protection [Industrical datal material footable.         Wester protection [Industrical datal material footable.           Pages of protection [Industrical datal material datal material footable.         Wester protection [Industrical datal material footable.           Mechanical datal [Mounting datal material footable.         Wester protection [Industrical datal material footable.           Environmental characteristics [Climatic         Operating temperature material footable.           Calcidional condition temperature range         depending on cable quality           Installation [Cable         Cable identification [Cable (Carlical Caple Cap		
customs tariff number         85444290           GTIN         4040873054737           Pelectacing unit         1           Electrical data [Supply         Corrent operating per contact max.         2 A           Current operating per contact max.         8 A           Industrial communication         Number of signals per port.         1           Installation [Connection         Wax 1           Device protection [Electrical         Device protection [Media           Device protection [Media         Max 1           Device protection [Media         Hame related at Material data           Macerial Nousing         Plastic           Macerial Nousing         Plastic           Macerial Mounting data         Schraudgewinde           Environmental characteristics [ climatic         Coperating temperature min.         40 °C           Operating temperature max.         80 °C         Coperating temperature max.         80 °C           Additional condition temperature may.         80 °C         Coperating temperature max.         80 °C           Additional condition temperature may.         80 °C         Coperating temperature may.         80 °C           Cable identification         359         General dentification         359           Lacket Cool*         gray	ETIM-5.0	
Carrent operation   1		
Fackaging unit 1  Electrical data   Supply   Coverating voltage DC		
Electrical data   Supply         24 V           Operating portional at max.         2 A           Total current max.         8 A           Industria communication         Invalidation   Connection           Mounting set         M8 x 1           Device protection   Electrical         Device protection   Electrical           Device protection   Media         Fear retardant           Flame resistance         flame retardant           Machanical data   Mounting data         Schraubpowinde           Mochanical data   Mounting data         Schraubpowinde           Pervicentation emperature min.         20 °C           Operating temperature min.         20 °C           Operating temperature max.         80 °C           Additional condition temperature range         depending on cable quality           Institution   Cable         Cabel identification   Agent in temperature range           Asked Color         gray           Type of Certificate         cUPlus           Amount standing         1 fleece           Filler         yea           wire arrangement         bown, bulse, violet, black, red, pink, gray, yellow, green, white           No. of bending cycles (C-track)         P.DR           Schore hardings glackel         p.S. Thore A		
Operating voltage PC         24 V           Current operating per contact max.         2 A           Total current max.         8 A           Industrial communication         Industrial communication           Number of signals per port         1           Installation   Connection         Industrial Communication           Degree of protection   Electrical         Personal Protection   Electrical           Degree of protection (EN IEC 60529)         P65, 1967           Personal operation of the IEC 60529         P65, 1967           Personal operation of the IEC 60529         P65, 1967           Personal operation of IEC 60529         P65, 1967           Packer protection   IEC 60529         P65, 1967           Packer protection   IEC 60529         P65, 1967           Packer protection   IEC 60529         P65, 1967           Machinal of India (IEC 60529)         Packer protection   IEC 60529           Machinal During match         Passic           Machinal During match         Passic           Machinal Mounting action         Schraubpewinde           Environmental characteristics   Climatic         Commental Characteristics   Climatic           Operating in perpenture max.         80 °C           Additional Condition temperature range         depending on eable quality		
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Total current max. 8 A  Industrial communication  Number of signals per port 1  Installation   Connection  Mounting set M8 x 1  Device protection   Electrical  Degree of protection (EN IEC 60529)   IP65, IP67  Device protection   Medis  Device protection   Medis  Flame resistance Insurance   Plastic  Mechanical data   Material data  Material housing pathod Schwaubgewinde  Environmental characteristics   Climatic  Coperating temperature mix. 20 °C  Operating temperature max. 80 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Gable identification   359  Jacket Color gray  Type of Certificate current   10 wires around Core filler twisted  Banding   Fleece  Filler yes  wire a rangement   brown, blue, violet, black, red, pink, gray, yellow, green, white  No. ot bending eydes (C-track)   20 Mic. @ 25 °C  Cable weight   110 g/m  Material jacket   PUR  Shore hardness jacket   89 ± 5 Shore A  Freedom from ingredients (jacket)   125 %  Material wive insulation   1,3 mm  Outer diameter (jacket)   1,3 mm  Outer diameter insulation   1,4 mm  Outer diameter insul		
Industrial communication  Number of signals per port 1 Installation   Connection  Wourting set   M8 x 1  Device protection   Electrical  Degree of protection   Electrical  Device protection   Media  Fisher resistance   Mane retardant    Machanical data   Material data    Machanical data   Mounting data    Mounting method   Schraubgewinde    Environmental characteristics   Climatic    Environmental characteristics   Climatic    Operating temperature min.   -20 °C    Operating temperature min.   -30 °C    Operating temperature range   depending on cable quality    Installation   Cable    Cable identification   359    Lacked Color   gray    Type of Certificate   URus    Amount stranding   1    Stranding   Fleece    Filler   yes    Wie arrangement   brown, blue, violet, black, red, pink, gray, yellow, green, white    No. o bending cycles (C-track)   2 Mio. @ 25 °C    Cable weight   110 grm    Shore hardness jacket   89 ± 5 Shore A    Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, halogen-free, LABS-free    Outer diameter (jacket)   15 %    Material jacket   15		
Number of signals per port 1  Installation   Connection  Mounting set M x 1  Degree of protection   Electrical  Degree of protection   Electrical  Flame resistance flame retardant  Mochanical data   Mounting data  Mounting method Schraubgewinde  Environmental characteristics   Climatic  Degrating temperature min.		
Installation   Connection           Mounting set         M8 x 1           Device protection   Electrical           Degree of protection (EN IEC 60529)         IP66, IP67           Device protection   Media           Flame resistance         (flame retardant)           Mechanical data   Meterial data           Mechanical data   Munting data           Mechanical data   Munting data           Mechanical data   Munting data           Environmental characteristics   Climatic           Operating temperature min.         20 °C           Operating temperature man.         80 °C           Additional condition temperature range         depending on cable quality           Installation   Cable           Cable identification         359           Lacked Color         gray           Type of Certificate         URUs           Amount stranding         1           Stranding         10 wres around Core filler twisted           Banding         Fleece           Filler         yes           West arrangement         brown, blue, violet, black, red, pink, gray, yellow, green, white           No. of bending cycles (C-track)		
Mounting set         M8 x 1           Device protection   Electrical         LP65, IP67           Device protection   Media         IP65, IP67           Device protection   Media         IP65, IP67           Mechanical data   Material data         If ame retardant           Mechanical data   Mounting data         Plastic           Mechanical data   Mounting data         Mounting method         Schraubgewinde           Environmental characteristics   Climatic         Coperating temperature min.         20 °C           Operating temperature max.         80 °C         Additional condition temperature range         depending on cable quality           Testallation   Cable         S9           Cable identification         359           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         10 wires around Core tiller twisted           Banding         Fleece           Write arrangement         brown, blue, violet, black, red, pink, gray, yellow, green, white           No. of bending cycles (C-track)         2 Mine, @ 25 °C           Cable weight         10 g/m           Material jacket         PUR           Shore Andness jacket         89 ± 5 Shore A <th< td=""><td>Number of signals per port</td><td>1</td></th<>	Number of signals per port	1
Device protection   Electrical           Device of protection (EN IEC 60829)         IP65, IP67           Device protection   Media           Einame resistance         Ilame retardant           Mechanical data   Material data         Ilame retardant           Mechanical data   Mounting data         Mounting method         Schraubgewinde           Environmental characteristics   Climatic         Operating temperature min.         ≥ 0° °C           Operating temperature max.         80 °C         Additional condition temperature range         depending on cable quality           Testalation   Cable         S9         Additional condition temperature range         depending on cable quality           Tustalation   Cable         URUs         Annual stranding         1           Stranding         10 wires around Core filler twisted         Banding         Fleece           Filler         yes         yes         wire arrangement         brown, blue, violet, black, red, pink, gray, yellow, green, white         No. of bending cycles (C-track)         2 Min. @ 25 °C         Cable weight         10 g/m         Material jacket         PUR         Shore partness jacket         80 ± 5 °C         Schraubgen-free, LABS-free         Culter-diameter (packet)         9 ≥ mm         To examinum-free, CFC-free, halogen-free, LABS-free         Culter-diameter (packet)         9 ≥ mm	Installation   Connection	
Degree of protection (EN IEC 60529)         IP65, IP67           Device protection   Media         Isame retardant           Mechanical data   Material data         Mechanical data   Mounting data           Mechanical data   Mounting data         Plastic           Mechanical data   Mounting data         Web Plastic   Michanical data   Mounting data           Environmental characteristics   Climatic         Operating temperature min.         -20 °C           Operating temperature man.         80 °C         Additional condition temperature range depending on cable quality           Installation   Cable         Separating temperature man.         359           Cable identification         359         Separating temperature man.           Value of Color         gray           Type of Certificate         USR us           Amount stranding         1           Stranding         10 wires around Core filler twisted           Banding         Floece           Filler         yes           wire arrangement         brown, blue, violet, black, red, pink, gray, yellow, green, white           No. of bending cycles (C-track)         2 Min. @ 25 °C           Cable weigh         110 g/m           Material wire in migredients (jacket)         pea drivee, cadmium-free, CFC-free, halogen-free, LABS-free           Outer-diame	Mounting set	M8 x 1
Device protection   Media         Itame resistance         flame retardant           Mechanical data   Material data         Mechanical data   Mounting data           Mechanical data   Mounting data         Schraubgewinde           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           Cable identification         359           Jacker Color         gray           Type of Certificate         URBs           Amount stranding         1           Stranding         10 wires around Core filler twisted           Banding         Fiecce           Filler         yes           wire arrangement         brown, blue, violet, black, red, pink, gray, yellow, green, white           No. of bending cycles (C-track)         2 Minc @ 25 °C           Gable weigh         110 g/m           Material jacket         PUR           Shore hardness jacket         PS Shore A           Freedom from ingredients (jacket)         9.2 mm           Outer-diameter (jacket)         9.2 mm           Outer-diameter (jacket)         9.2 mm	Device protection   Electrical	
Material housing   Plastic   Mechanical data   Mounting data   Mounting method   Schraubgewinde   Mounting method   Mounting   Mounting method   Mounting method   Mounting method   Mounting   Mounting method   Mount	Degree of protection (EN IEC 60529)	IP65, IP67
Mechanical data   Material dousing         Plastic           Mechanical data   Mounting data         Schraubgewinde           Environmental characteristics   Climatic         Co °C           Operating temperature min.         -20 °C           Actional condition temperature range         depending on cable quality           Installation   Cable         Cable identification           Cable identification         359           Jacker Color         gray           Type of Certificate         cURus           Annount stranding         1           Stranding         10 wires around Core filler twisted           Banding         Fleece           Filler         yes           wire arrangement         brown, blue, violet, black, red, pink, gray, yellow, green, white           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Cable weight         110 g/m           Material jacket         PUR           Shore hardness jacket         89 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, LABS-free           Outer-diameter (jacket)         9,2 mm           Tolerance outer diameter (sheath)         ± 5 %           Amount wires         8           Outer diameter insulation	Device protection   Media	
Material housing         Plastic           Mechanical data   Mounting data         Schraubgewinde           Environmental characteristics   Climatic         Comparating temperature min.         -20 °C           Operating temperature max.         80 °C           Additional condition temperature range depending on cable quality         depending on cable quality           Installation   Cable         Cable identification         359           Jacket Color         gray         Type of Certificate         CulRus           Amount stranding         1         Stranding         10 wires around Core filler twisted           Banding         Fleece         Fliler         yes           wire arrangement         brown, blue, violet, black, red, pink, gray, yellow, green, white         No. of bending cycles (C-track)         2 Mio. @ 25 °C           Cable weight         110 g/m         Material jacket         PUR           Shore hardness jacket         89 ± 5 Shore A         Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, LABS-free           Outer-diameter (jacket)         9,2 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         TPE-E           Amount wires         8         Outer-diameter insulation         5 ± 3 Shore D	Flame resistance	flame retardant
Mechanical data   Mounting method Schraubgewinde  Environmental characteristics   Climatic  Operating temperature min20 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification 359 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 10 wires around Core filler twisted  Banding Fleece Filler yes wire arrangement brown, blue, violet, black, red, pink, gray, yellow, green, white No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigh 110 g/m Material jacket PUR  Shore hardness jacket 89 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, LABS-free Outer-diameter (jacket) ± 5 % Material wire insulation TPE-E Amount wires 8 Outer diameter insulation 1,3 mm Outer diameter insulation 55 ± 3 Shore D Ingredient freeness wire insulation 55 ± 3 Shore D Ingredient freeness wire insulation 55 ± 3 Shore D Ingredient freeness wire insulation 1 sead-free, cadmium-free, CFC-free, halogen-free	Mechanical data   Material data	
Mounting method Schraubgewinde  Environmental characteristics   Climatic  Operating temperature min20 °C  Operating temperature max. 80 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification 359  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 10 wires around Core filler twisted  Banding Fleece  Filler yes  wire arrangement borown, blue, violet, black, red, pink, gray, yellow, green, white  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Cable weigh 110 g/m  Material jacket PUR  Shore hardness jacket 89 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, LABS-free  Outer-diameter (jacket) 9,2 mm  Tolerance outer diameter (sheath) ± 5 %  Material wires insulation TPE-E  Amount wires 8  Outer diameter insulation 1,3 mm  Outer diameter insulation 55 ± 3 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free	Material housing	Plastic
Mounting method Schraubgewinde  Environmental characteristics   Climatic  Operating temperature min20 °C  Operating temperature max. 80 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification 359  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 10 wires around Core filler twisted  Banding Fleece  Filler yes  wire arrangement borown, blue, violet, black, red, pink, gray, yellow, green, white  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Cable weigh 110 g/m  Material jacket PUR  Shore hardness jacket 89 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, LABS-free  Outer-diameter (jacket) 9,2 mm  Tolerance outer diameter (sheath) ± 5 %  Material wires insulation TPE-E  Amount wires 8  Outer diameter insulation 1,3 mm  Outer diameter insulation 55 ± 3 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free	Mechanical data   Mounting data	
Environmental characteristics   Climatic Operating temperature min20 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality Installation   Cable Cable identification 359 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 10 wires around Core filler twisted Banding Fleece Filler yes wire arrangement brown, blue, violet, black, red, pink, gray, yellow, green, white No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth 110 g/m Material jacket PUR Shore hardness jacket 89 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, LABS-free Outer-diameter (jacket) ± 5 % Material wire insulation TPE-E Amount wires 8 Outer diameter tolerance core insulation 1,3 mm Under diameter tolerance core insulation 55 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free		Schraubgewinde
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Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification 359  Jacket Color gray Type of Certificate cURus  Amount stranding 1  Stranding 10 wires around Core filler twisted  Banding Fleece Filler yes wire arrangement brown, blue, violet, black, red, pink, gray, yellow, green, white No. of bending cycles (C-track) 2 Mio. @ 25 °C  Cable weight 110 g/m  Material jacket PUR  Shore hardness jacket 89 ± 5 Shore A  Freedom from ingredients (jacket) 9,2 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE-E  Amount wires 8  Outer diameter insulation 1,3 mm  Outer diameter insulation 55 ± 3 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free  Jacket place and more and mor		
Cable identification 359 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 10 wires around Core filler twisted Banding Fleece Filler yes wire arrangement brown, blue, violet, black, red, pink, gray, yellow, green, white No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth 110 g/m Material jacket PUR Shore hardness jacket 89 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, LABS-free Outer-diameter (sheath) ± 5 % Material wire insulation TPE-E Amount wires 8 Outer diameter insulation 1,3 mm Outer diameter rollerance core insulation 55 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free CFC-free, halogen-free LABC-free LA		
Cable identification     359       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     10 wires around Core filler twisted       Banding     Fleece       Filler     yes       wire arrangement     brown, blue, violet, black, red, pink, gray, yellow, green, white       No. of bending cycles (C-track)     2 Mio. @ 25 °C       Cable weigth     110 g/m       Material jacket     PUR       Shore hardness jacket     89 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, LABS-free       Outer-diameter (jacket)     9,2 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     TPE-E       Amount wires     8       Outer diameter insulation     1,3 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		asponency on case quanty
Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 10 wires around Core filler twisted  Banding Fleece  Filler yes wire arrangement brown, blue, violet, black, red, pink, gray, yellow, green, white  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Cable weigth 110 g/m  Material jacket PUR  Shore hardness jacket 89 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, LABS-free  Outer-diameter (jacket) 9,2 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE-E  Amount wires 8  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		250
Type of Certificate cURus  Amount stranding 1  Stranding 10 wires around Core filler twisted  Banding Fleece  Filler yes wire arrangement brown, blue, violet, black, red, pink, gray, yellow, green, white  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Cable weigth 110 g/m  Material jacket PUR  Shore hardness jacket 89 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, LABS-free  Outer-diameter (sheath) ± 5 %  Material wire insulation TPE-E  Amount wires 8  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  CFC-free, halogen-free		
Amount stranding 1  Stranding 10 wires around Core filler twisted  Banding Fleece  Filler yes wire arrangement brown, blue, violet, black, red, pink, gray, yellow, green, white  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Cable weigth 110 g/m  Material jacket PUR  Shore hardness jacket 89 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, LABS-free  Outer-diameter (jacket) 9,2 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE-E  Amount wires 8  Outer diameter insulation 1,3 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  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free		
Stranding 10 wires around Core filler twisted  Banding Fleece  Filler yes wire arrangement brown, blue, violet, black, red, pink, gray, yellow, green, white  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Cable weigth 110 g/m  Material jacket PUR  Shore hardness jacket 89 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, LABS-free  Outer-diameter (jacket) 9,2 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE-E  Amount wires 8  Outer diameter insulation 1,3 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		
Fleece Filler yes wire arrangement brown, blue, violet, black, red, pink, gray, yellow, green, white No. of bending cycles (C-track) 2 Mio. @ 25 °C Cable weigth 110 g/m Material jacket PUR Shore hardness jacket 89 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, LABS-free Outer-diameter (jacket) 9,2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE-E Amount wires 8 Outer diameter insulation 1,3 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		
Filler yes wire arrangement brown, blue, violet, black, red, pink, gray, yellow, green, white  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Cable weigth 110 g/m  Material jacket PUR  Shore hardness jacket 89 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, LABS-free  Outer-diameter (jacket) 9,2 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE-E  Amount wires 8  Outer diameter insulation 1,3 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		
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No. of bending cycles (C-track)  2 Mio. @ 25 °C  Cable weigth  110 g/m  Material jacket  PUR  Shore hardness jacket  89 ± 5 Shore A  Freedom from ingredients (jacket)  Lead-free, cadmium-free, CFC-free, halogen-free, LABS-free  Outer-diameter (jacket)  9,2 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  TPE-E  Amount wires  8  Outer diameter insulation  1,3 mm  Outer diameter tolerance core insulation  55 ± 3 Shore D  Ingredient freeness wire insulation  lead-free, cadmium-free, CFC-free, halogen-free	wire arrangement	<u> </u>
Cable weigth  Material jacket  PUR  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  ### ### ### ### ### ### ### ### ### #		
Material jacket PUR  Shore hardness jacket 89 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, LABS-free  Outer-diameter (jacket) 9,2 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE-E  Amount wires 8  Outer diameter insulation 1,3 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	Cable weigth	
Freedom from ingredients (jacket)    lead-free, cadmium-free, CFC-free, halogen-free, LABS-free    Outer-diameter (jacket)   9,2 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   TPE-E    Amount wires   8     Outer diameter insulation   1,3 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	Material jacket	
Outer-diameter (jacket)  70 derance outer diameter (sheath)  4 5 %  Material wire insulation  TPE-E  Amount wires  8  Outer diameter insulation  1,3 mm  Outer diameter tolerance core insulation  55 ± 3 Shore D  Ingredient freeness wire insulation  lead-free, cadmium-free, CFC-free, halogen-free	Shore hardness jacket	89 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE-E  Amount wires 8  Outer diameter insulation 1,3 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	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, LABS-free
Material wire insulation  TPE-E  Amount wires  8  Outer diameter insulation  1,3 mm  Outer diameter tolerance core insulation  55 ± 3 Shore D  Ingredient freeness wire insulation  lead-free, cadmium-free, CFC-free, halogen-free	Outer-diameter (jacket)	9,2 mm
Amount wires 8 Outer diameter insulation 1,3 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	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation 1,3 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	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	Amount wires	8
Shore hardness wire insulation 55 ± 3 Shore D  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free	Outer diameter insulation	1,3 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free	Outer diameter tolerance core insulation	±5%
· · · · · · · · · · · · · · · · · · ·	Shore hardness wire insulation	
Amount strands (wire) 19	Ingredient freeness wire insulation	
	Amount strands (wire)	19



## stay connected

Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Material wire insulation (Data)	TPE-E
Outer diameter wire insulation (Data)	1,8 mm
Tolerance outer diameter wire insulation (data)	±5%
Shore hardness wire insulation (Data)	55 Shore D
Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free
Amount wires (Data)	2
Amount strands wire (Data)	24
Diameter of single wires (Data)	0,2 mm
Conductor crosssection wire (Data)	0,75 mm <sup>2</sup>
Material conductor wire (Data)	Stranded copper wire, bare
Wire conductor type (Data)	Strand class 5
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4 A
Current load capacity min. Wire (Data)	12 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Electrical resistance coating wire (Data)	26 Ω/km @ 20 °C
Max. rated voltage power (conductor - ground)	300 V
Max. rated voltage power (conductor - conductor)	300 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)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	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
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	7,5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter