

## **EXACT12, 4XM12, 4 POLE MOULDED CABLE**

5.0m PUR/PVC 4X0.34+3X0.75, UL/CSA

4-way, 4-pole PUR/PVC

Further cable lengths on request.

5.0 m

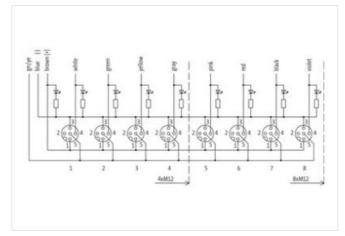
Plastic housings with good resistance against chemicals and oils.

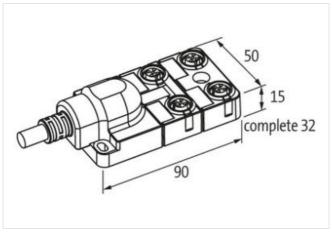
The resistance to aggressive media should be individually tested for your application. Further details on request.

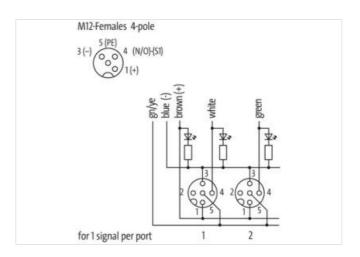
## **Link to Product**

## Illustration









Product may differ from Image









Commercial data		
ECLASS-6.0	27279219	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	
ECLASS-8.0	27279219	



stay connected

ECLASS 101   27440108   ECLASS 11.0   27440108   ECLASS 11.0   27440108   ECLASS 11.0   27440108   ECLASS 11.0   ECOASS 12.0   27440108   ECLASS 11.0   ECOASS 12.0   ECOASS 12.0   ECOASS 12.0   ECOASS 12.0   ECOASS 12.0   ECCASS 12.0   ECCASS 13.0   ECCAS 13.0   ECCASS 13.0   ECC		
ECLASS 12 0 27440108 ECIMS 12 0 27440108 ETIM 5 0 ECOUSS65 ETIM 5	ECLASS-9.0	
ECA.555-120   27440108   ECO.02550   ECO		27440108
ETMA 5.0         ECXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
customs tariff number         85444200           GTIN         40480730950045           Areakaging unit         1           Electrical datal [Supply         V           Ourrent operating per contact max.         4 A           Installation [Connection         Will x 1           Device protection [Electrical         Device protection [Electrical           Device protection [Media         MEDIA [May 10]           Faine resistance         flame retardant           Machanical datal [Matorial data         Material Pouling           Machanical datal [Matorial data         Material Pouling           Mechanical datal [Matorial data]         Schraubgewinde           Environmental characteristics   Climatic         Operating temperature max.           Operating temperature max.         20 °C           Operating temperature max.         70 °C           Cable Identification         333           Cable Identification         333           Cable Identification         333           Cable Identification         9 33           Type of Certificate         UPUs           Stranding         1           PUR         PUR           Material projection (special)         10.55. g/m           Water agreement         wh		
GTIN 496879056045  Facetaging unit 1  Facetaging u		
Facebaging unit         1           Electrical data   Supply         Poperatiny votage DC           Current operating per contact max.         4 A           Installation   Connection         M12 x 1           Device protection   Electrical         Device protection   Electrical           Degree of protection (EN IEC 60529)         IP65, IP67           Device protection   Machine   Famor relatation         Rame relatation           Machanical data   Material data         Machine   Mach		
Electrical data   Supply         24 V           Operating voltage DC         24 V           Current operating per contact max.         4 A           Current operating per contact max.         MEX x 1           Device protection (Enectrical Device)           Device protection (Ene (BoS29)         P65, 1967           Device protection (Ene (BoS29)         P65, 1967           Device protection (Media)           Flame resistance         flame retardant           Mechanical data [Material data]         Memority (Memority Memority)           Mechanical (Including data)         Schraubgewinde           Mechanical data [Mounting data           Mounting method         Schraubgewinde           Environmental characteristics   Climatic           Environmental cha	·	
Operating voltage DC         24 V           Current operating per contact max.         4 A           Installation   Connection         Mile 1           Mounting set         M12 x 1           Degree of protection (EN ICC 60529)         IP65, IP67           Device protection   Media         Protein protection   Media           Flame resistance         flame restandant           Material housing         Plastic           Material housing         Plastic           Mounting data   Munting data         Mile Mechanical data   Munting data           Mounting method         Schraubgewinde           Environmental characteristics   Climatic         Climatic           Operating temperature max.         70 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Cable identification           Cable identification         333           Cable Type         2           Jacket Color         gray           Type of Certificate         URBus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Filler         yas           wear arrangement         wittig, green, yellow, gray, brown, blue, green yellow	Packaging unit	1
Current operating per contact max.  Installation   Connection  Woulning set   M12 x 1  Device protection   Electrical  Device protection (ENIEC 60529)   P65, P67  Device protection   Media  Briefene resistance   flame retardant    Material housing   Plastic    Mechanical data   Material data    Material housing   Plastic    Material properature max.   70 °C    Queraling temperature max.   70 °C    Querali	Electrical data   Supply	
Installation   Connection         M12 x 1           Device protection   Electrical         Device protection (FM IEC 60529)         IP66, IP67           Device protection   Media         Ilame relardant           Flame resistance         Ilame relardant           Mechanical data   Material data         Material housing         Pleatic           Mechanical data   Mounting data         Mechanical data   Mounting data         Mechanical data   Mounting data           Mechanical data   Mounting data         Schraubgewinde         Ferrore           Environmental characteristics   Climatic Condition and Propertiature max.         70 °C         Congraing temperature max.         70 °C           Operating temperature max.         333         Gability (Saladia)         Additional condition temperature range depending on cable quality           Total idiation   Cable         333         Gability (Saladia)         Additional (Saladia)         Addition	Operating voltage DC	24 V
Mounting set         M12 x 1           Device protection   Electrical           Degree of protection (EN IEC 60529)         IP65, IP67           Device protection (EN IEC 60529)         IP65, IP67           Device protection (EN IEC 60529)         IP68, IP67           Device protection (EN IEC 60529)         If same resistance           Mechanical data   Material data         Machanical data   Material data           Machanical data   Mounting data         Machanical data   Mounting data           Munduring method         Schraubgewinde           Environmental characteristics   Climatic         Coperating temperature min.         20 °C           Operating temperature min.         70 °C         Code (Coperating temperature max.         70 °C           Additional condition temperature range         depending on cable quality         Code (Coperating temperature max.         70 °C           Additional condition temperature range         2 expending temperature max.         2 °C         Code (Coperature temperature max.         20 °C           Additional condition temperature range         2 expending temperature max.         2 °C         Code (Coperating temperature max.         2 °C           Cable logic of Cofficial condition temperature max.         333         Code (Coperating temperature max.         2 °C         Code (Coperating temperature max.         2 °C         <	Current operating per contact max.	4 A
Device protection   Electrical  Degree of protection (EN IEC 60529)   IP65, IP67  Device protection   Modis  Flame resistance   Ilame retardant    Machanical data   Material data  Machanical data   Mounting data  Muchanical data   Mounting data  Pavisormental characteristics   Climatic  Operating temperature min.	Installation   Connection	
Degree of protection ( IN IEC 60529)         IP65, IP67           Powice protection   Media           Flame resistance         flame retardant           Mechanical data   Material data         Mechanical data   Mounting data           Mechanical data   Mounting data         Schraubgewinde           Environmental characteristics   Climatic         Coperating temperature min.         20 °C           Operating temperature min.         70 °C         Additional condition temperature range         depending on cable quality           Installation   Cable         333         Cable identification         333         Cable identification   Cable           Cable identification         333         Cable (Installation)   Cable   C	Mounting set	M12 x 1
Degree of protection ( IN IEC 60529)         IP65, IP67           Powice protection   Media           Flame resistance         flame retardant           Mechanical data   Material data         Mechanical data   Mounting data           Mechanical data   Mounting data         Schraubgewinde           Environmental characteristics   Climatic         Coperating temperature min.         20 °C           Operating temperature min.         70 °C         Additional condition temperature range         depending on cable quality           Installation   Cable         333         Cable identification         333         Cable identification   Cable           Cable identification         333         Cable (Installation)   Cable   C	Device protection   Electrical	
Partice protection   Media Flame resistance   flame retardant   Mechanical data   Material data   Material housing   Plastic   Mechanical data   Mounting data   Mounting method   Schraubgewinde   Environmental characteristics   Climatic Operating temperature min.   -20 °C   Operating temperature min.   -70 °C   Additional condition temperature range   depending on cable quality   Installation   Cable   Cable identification   333   Cable Type   2   Jacket Color   gray   Type of Certificate   Hybrid, Signal, Power   Amount stranding   1   Stranding   7 wires around Core filler twisted   Filler   yes   Wire arrangement   white, green, yellow, gray, brown, blue, green-yellow   Material jacket   PUR   Shore hardness jacket   87 ± 5 Shore A   Freedom from ingredients (jacket)   gray   Material inner jacket   PVC   Color (inner jacket)   gray   Material wire insulation   PVC   Amount sillation   1,3 mm   Outer diameter insulation   20 defines wire insulation   25 %   Shore hardness wire insulation   25 %		IP65 IP67
Material housing   Plastic   Machanical data   Material data   Material housing   Plastic   Mechanical data   Mounting data   Mounting method   Schraubgewinde		··, ·· -·
Mechanical data   Material data         Plastic           Mechanical data   Mounting data         Mounting method         Schraubgewinde           Environmental characteristics   Climatic         Operating temperature min.         20 °C           Operating temperature max.         70 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Sastian   Cable (and in temperature range)         2           Cable identification         333         3           Cable (application)         333         3           Cable (application)         333         3           Cable (application)         342         2           Jacket Color         gray         2           STOOW style jacket         Hybrid. Signal, Power           Amount stranding         1         3           Stranding         7 wires around Core filler twisted           Filler         yes           wire arrangement         white, green, yellow, gray, brown, blue, green-yellow           Cable weight         105,6 g/m           Material jacket         PUR           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         gray <th< td=""><td></td><td></td></th<>		
Mechanical data   Mounting data         Mechanical data   Mounting data           Mounting method         Schraubgewinde           Environmental characteristics   Climatic         Coperating temperature min.         -20 °C           Operating temperature max.         70 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Cable identification         333           Cable identification   Gable         333         Calculation   Cable   Ca		tlame retardant
Mechanical data   Mounting data  Mounting method Schraubgewinde  Environmental characteristics   Climatic Operating temperature min20 °C Operating temperature max. 70 °C Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification 333 Cable Type 2 Cable identification gray Type of Certificate cURus STOOW style jacket Hybrid, Signal, Power Amount stranding 1 Stranding 7 wires around Core filler twisted Filler yes wire arrangement white, green, yellow, gray, brown, blue, green-yellow Cable weight 105.6 g/m Material jacket PUR Shore hardness jacket 87 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Color (inner jacket) gray Material wire insulation PVC Amount wires  Amount wires Material sinclation PVC Amount diameter (sheatth) ± 5 % Material wire insulation PVC Amount diameter insulation 43 ± 5 Shore D Material profess wire insulation 43 ± 5 Shore D Material profess wire insulation 43 ± 5 Shore D Material profess wire insulation 43 ± 5 Shore D Material profess wire insulation 1 lead-free, cadmium-free, CFC-free, silicone-free	Mechanical data   Material data	
Mounting method Schraubgewinde  Environmental characteristics   Climatic  Operating temperature min. 20 °C  Operating temperature max. 70 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification 333  Cable Type 2  Jacket Color gray  Type of Certificate CURUs  STOOW style jacket Hybrid, Signal, Power  Amount stranding 1  Stranding 7 wires around Core filler twisted  Filler yes  wire arrangement white, green, yellow, gray, brown, blue, green-yellow  Cable weigh 105.6 g/m  Material jacket PUR  Shore hardness jacket PUR  Shore hardness jacket PVR  Material ineri jacket) 15 %  Material ineri jacket (sheath) ± 5 %  Material ineri jacket PVC  Color (inner jacket) gray  Material wire insulation PVC  Amount wires 4  Outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 4  Outer diameter insulation 1,3 mm  Outer diameter insulation 43 ± 5 Shore D  Material predient fore insulation 43 ± 5 Shore D  Material predient swire insulation lead-free, cadmium-free, CFC-free, silicone-free  Outer diameter folerance core insulation 43 ± 5 Shore D  Material predient free swire insulation lead-free, cadmium-free, CFC-free, silicone-free  Ingedient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Material housing	Plastic
Environmental characteristics   Climatic  Operating temperature min20 °C  Operating temperature max. 70 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification 333  Cable Type 2  Jacket Color gray  Type of Certificate cURus  STOOW style jacket Hybrid, Signal, Power  Amount stranding 1  Stranding 7 wires around Core filler twisted  Filler yes  Wrie green, yellow, gray, brown, blue, green-yellow  Cable weigh 105.6 g/m  Material jacket PUR  Shore hardness jacket 87 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) gray  Material inner jacket PVC  Color (mner jacket) gray  Material wire insulation PVC  Amount wires 4  Outer diameter insulation 1,3 mm  Outer diameter insulation 43 ± 5 Shore D  Material properties wire insulation 1 lead-free, cadmium-free, CFC-free, silicone-free	Mechanical data   Mounting data	
Operating temperature min. Operating temperature max. 70 °C Additional condition temperature range depending on cable quality  Installation   Cable  Unstallation   Cable  Cable identification  333  Cable Type 2 Jacket Color gray Type of Certificate CURus STOOW style jacket Hybrid, Signal, Power Amount stranding 1 Stranding 7 wires around Core filler twisted Filler yes wire arrangement Able weight 105,6 g/m Material jacket PUR Shore hardness jacket 87 ± Shore A Freedom from ingredients (jacket) Duter-diameter (jacket) 7,4 mm Tolerance outer diameter (sheath)  \$4   VeC Color (inner jacket)  Material inner jacket  PVC Amount wires 4 Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation Material predients wire insulation 43 ± 5 Shore D Material price insulation Material price insulation Material price insulation Material properties wire insulation Material pro	Mounting method	Schraubgewinde
Operating temperature max.         70 °C           Additional condition temperature range         depending on cable quality           Installation   Cable           Cable identification         333           Cable Type         2           Jacket Color         gray           Type of Certificate         CURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Strading         7 wires around Core filler twisted           Filler         yes           wire arrangement         white, green, yellow, gray, brown, blue, green-yellow           Cable weight         105,6 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         7,4 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Color (inner jacket)         gray           Material wire insulation         pyc           Amount wires         4           Outer diameter insulation         1,3 mm           Outer diameter insulation         43 ± 5 Shore D<	Environmental characteristics   Climatic	
Operating temperature max.         70 °C           Additional condition temperature range         depending on cable quality           Installation   Cable           Cable identification         333           Cable Type         2           Jacket Color         gray           Type of Certificate         CURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Strading         7 wires around Core filler twisted           Filler         yes           wire arrangement         white, green, yellow, gray, brown, blue, green-yellow           Cable weight         105,6 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         7,4 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Color (inner jacket)         gray           Material wire insulation         pyc           Amount wires         4           Outer diameter insulation         1,3 mm           Outer diameter insulation         43 ± 5 Shore D<	Operating temperature min.	-20 °C
Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification 333  Cable Type 2  Jacket Color gray  Type of Certificate cURus  STOOW style jacket Hybrid, Signal, Power  Amount stranding 1  Stranding 7 wires around Core filler twisted  Filler yes  Write arrangement white, green, yellow, gray, brown, blue, green-yellow  Cable weight 105,6 g/m  Material jacket PUR  Shore hardness jacket 87 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 7,4 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket PVC  Color (inner jacket) gray  Material wire insulation PVC  Amount wires 4  Outer diameter insulation PVC  Amount wires 4  Outer diameter insulation 1,3 mm  Outer diameter tolerance core insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	<u> </u>	70 °C
Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         7 wires around Core filler twisted           Filler         yes           wire arrangement         white, green, yellow, gray, brown, blue, green-yellow           Cable weigth         105.6 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         7,4 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Color (inner jacket)         gray           Material wire insulation         PVC           Color (inner jacket)         gray           Material wire insulation         1,3 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D           Material properties wire insulation         lead-free, cadmium-free, CFC-free, silicone-free	Additional condition temperature range	depending on cable quality
Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         7 wires around Core filler twisted           Filler         yes           wire arrangement         white, green, yellow, gray, brown, blue, green-yellow           Cable weigth         105.6 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         7,4 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Color (inner jacket)         gray           Material wire insulation         PVC           Color (inner jacket)         gray           Material wire insulation         1,3 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D           Material properties wire insulation         lead-free, cadmium-free, CFC-free, silicone-free	Installation   Cable	
Gable Type         2           Jacket Color         gray           Type of Certificate         cURus           STOOW style jacket         Hybrid, Signal, Power           Amount stranding         1           Stranding         7 wires around Core filler twisted           Filler         yes           wire arrangement         white, green, yellow, gray, brown, blue, green-yellow           Cable weigth         105,6 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         7,4 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Color (inner jacket)         gray           Material wire insulation         PVC           Amount wires         4           Outer diameter tolerance core insulation         1,3 mm           Outer diameter tolerance core insulation         43 ± 5 Shore D           Material properties wire insulation         lead-free, cadmium-free, CFC-free, silicone-free		333
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Type of Certificate cURus  STOOW style jacket Hybrid, Signal, Power  Amount stranding 1  Stranding 7 wires around Core filler twisted  Filler yes wire arrangement white, green, yellow, gray, brown, blue, green-yellow  Cable weigth 105,6 g/m  Material jacket PUR  Shore hardness jacket PUR  Shore hardness jacket 87 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 7,4 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket PVC  Color (inner jacket) gray  Material wire insulation PVC  Amount wires 4  Outer diameter insulation 1,3 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free		
Amount stranding 1 Stranding 7 wires around Core filler twisted Filler yes wire arrangement white, green, yellow, gray, brown, blue, green-yellow Cable weigth 105,6 g/m Material jacket PUR Shore hardness jacket 87 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 7,4 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free		
Amount stranding         1           Stranding         7 wires around Core filler twisted           Filler         yes           wire arrangement         white, green, yellow, gray, brown, blue, green-yellow           Cable weigth         105,6 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         7,4 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Color (inner jacket)         gray           Material wire insulation         PVC           Amount wires         4           Outer diameter tolerance core insulation         1,3 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D           Material properties wire insulation         lead-free, cadmium-free, CFC-free, silicone-free		
Stranding 7 wires around Core filler twisted  Filler yes wire arrangement white, green, yellow, gray, brown, blue, green-yellow  Cable weigth 105.6 g/m  Material jacket PUR  Shore hardness jacket 87 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 7,4 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket PVC  Color (inner jacket) gray  Material wire insulation PVC  Amount wires 4  Outer diameter insulation 1,3 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free		
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Cable weigth  105,6 g/m  Material jacket  PUR  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  7,4 mm  Tolerance outer diameter (sheath)  ± 5 %  Material inner jacket  PVC  Color (inner jacket)  Guter diameter insulation  PVC  Amount wires  Outer diameter insulation  1,3 mm  Outer diameter tolerance core insulation  4 ± 5 %  Shore hardness wire insulation  4 ± 5 %  Shore D  Material properties wire insulation  punch free, CFC-free, silicone-free  Material properties wire insulation  lead-free, cadmium-free, CFC-free, silicone-free	wire arrangement	· · · · · · · · · · · · · · · · · · ·
Material jacket PUR Shore hardness jacket 87 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 7,4 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Cable weigth	
Shore hardness jacket 87 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 7,4 mm  Tolerance outer diameter (sheath) ± 5 %  Material inner jacket PVC  Color (inner jacket) gray  Material wire insulation PVC  Amount wires 4  Outer diameter insulation 1,3 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Material jacket	<u>-</u>
Outer-diameter (jacket)  7,4 mm  Tolerance outer diameter (sheath)  ± 5 %  Material inner jacket  PVC  Color (inner jacket)  gray  Material wire insulation  PVC  Amount wires  4  Outer diameter insulation  1,3 mm  Outer diameter tolerance core insulation  43 ± 5 Shore D  Material properties wire insulation  Material properties wire insulation  Material properties wire insulation  Ingredient freeness wire insulation  lead-free, cadmium-free, CFC-free, silicone-free	Shore hardness jacket	87 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 %  Material inner jacket PVC  Color (inner jacket) gray  Material wire insulation PVC  Amount wires 4  Outer diameter insulation 1,3 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
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Color (inner jacket) gray  Material wire insulation PVC  Amount wires 4  Outer diameter insulation 1,3 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Tolerance outer diameter (sheath)	± 5 %
Material wire insulation PVC  Amount wires 4  Outer diameter insulation 1,3 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Material inner jacket	PVC
Amount wires  4 Outer diameter insulation  1,3 mm Outer diameter tolerance core insulation  ± 5 % Shore hardness wire insulation  43 ± 5 Shore D  Material properties wire insulation  good machinability Ingredient freeness wire insulation  lead-free, cadmium-free, CFC-free, silicone-free	Color (inner jacket)	gray
Outer diameter insulation 1,3 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Material wire insulation	PVC
Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Amount wires	4
Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Outer diameter insulation	1,3 mm
Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Shore hardness wire insulation	43 ± 5 Shore D
	Material properties wire insulation	good machinability
Amount strands (wire) 19	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
	Amount strands (wire)	19

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Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Material wire insulation (Power)	PVC
Outer diameter wire insulation (Power)	1,8 mm
Tolerance outer diameter wire insulation (Power)	±5 %
Shore hardness wire insulation (Power)	43±5 Shore D
Material properties wire insulation (Power)	good machinability
Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands wire (Power)	24
Diameter of single wires (Power)	0,2 mm
Wire conductor cross section (Power)	0,75 mm <sup>2</sup>
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	Strand class 5
Traversing distance (C-track)	5 m
Travel speed (C-track)	3
Max. rated voltage (conductor - conductor)	300 V
Max. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	26 Ω/km @20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Loop resistance	7,8 A
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	2 Mio.
Connection type 2	
Family construction form	free cable end
No. of poles	7
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