

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

15.0m PUR/PVC 4X0.34+3X0.75, UL/CSA

4-way, 4-pole PUR/PVC

Further cable lengths on request.

15.0 m

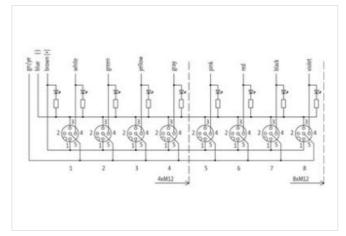
Plastic housings with good resistance against chemicals and oils.

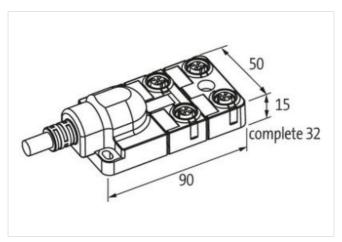
The resistance to aggressive media should be individually tested for your application. Further details on request.

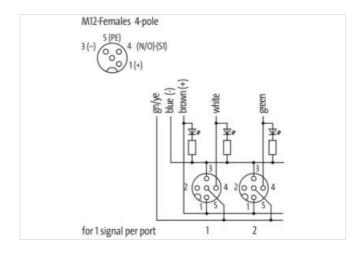
## **Link to Product**

## Illustration









Product may differ from Image









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

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: 2024-05-04



stay connected

Installation   Connection         Mil2 x 1           Device protection   Electrical         Device protection (FM ICC 00529)         P65, IP67           Device protection   Media         Filence resistance         fame retardant           Mechanical data   Mustrial data         Material housing         Plastic           Mechanical data   Munting data         Mustrial housing         Plastic           Mechanical data   Munting data         Mustrial housing         Schraubgewinde           Environmental characteristics   Climatic         Common training         Proceeding temperature min.         20 °C           Operating temperature mina.         70 °C         Additional condition temperature range         depending temperature max.         70 °C           Additional condition (abide         Hybrid, Signal, Power         Processing temperature range         Pubrid, Signal, Power           STOOW style gicket         Hybrid, Signal, Power         Pubrid, Signal, Power           Cable intellication         333         General condition (abide intelligential powers)           Type of Certificate         URB         August (abide intelligential powers)           Stranding         7 wires around Core filler Iwisted           Filler         yes           West around (abide powers)         9 wires around (abide powers)         9 wires around (abide powers)		
ECLASS 11.0         27440108           ECIASS 12.0         27440108           ETIM 5.0         ECM258F           customs turf number         8544290           GTIN         40887965021           Packaging unt         1           Electrical data [Supply         Operating valeap DC         24 V           Current operating per contact max.         4 A           Mounting set         M12 x 1           Packagin [Company of protection [Electrical Protection Interest and Protecti		27440108
EGLASS-120         2740108           ETM-5.0         EXCESSES           custions tariff number         8544250           GTIN         408879056021           Packaging unit         1           Electrical data   Supply           Operating voltage DC         24 V           Current operating per contact max.         4 A           Installation   Connection           Would project (EN IEG 60529)         IP65, IP67           Device protection   EN IEG 60529)         IP65, IP67           Device protection   Modia         Flame restandant           Machanical data   Material data         Maxima		27440108
ETMA-5.0         ECMOSSES           Coultons is airff number         85444290           GTN         40484290           GTN         40484290           GTN         4048479650021           Packaging unth         1           Electrical data   Supply         Vermander operating per contact max.           Ourrent operating per contact max.         4 A           Installation   Connection         M02 T           Mounting set         M12 X 1           Device protection   NEC6 08290           P65,   P67           Device protection   NEC6 08290           P65,   P67           Device protection   Media         Immeretardant           Machanical data   Munting data         Immeretardant           Machanical data   Munting data         Subraugewinde           Machanical data   Munting data         Chraugewinde           Machanical data   Munting data         Chraugewinde<		
customs tariff number         85444290           GTIN         404873958021           Peckeding unit         1           Electrical datal Supply           Operating voltage DC         24 V           Current operating per contact max.         4 A           Installation [Connection         Mounting set           Mounting set         M12 x 1           Device protection [Electrical         Device protection [Electrical           Table protection [Media         Final Protection [Electrical           Begree of protection [Media         Final Protection [Electrical           Mechanical data [Material data Mounting data         Michanical data [Material data Mounting data           Mechanical data [Mounting data         Schraubgewinde           Environmental characteristics [Climatic         Operating temperature max.           Operating temperature max.         70 °C           Additional condition temperature range         deponding on cable quality           Installation [Cable         Schraubgewinde           School Style gacket         Hybrid, Signal, Power           Cable Type (Cable Spring)         2           Jacket Color         gray           Type of Certificate         QFRus           Amount stranting         1           Stranding		
OTIN         4048879056021           Packaging unit         1           Electrical of all Supply         Courrent operating voltage DC         24 V           Current operating per contact max.         4 A           Installation [Connection         MI2 x I           Bovice protection [Electrical         Post P67           Degree of protection [Kin IEC 60529]         [P65, IP67           Device protection [Modia         Fame resistance           Mechanical data [Material data         Mainterial mousing         Pastic           Mechanical data [Mounting data         Mainterial mousing         Pastic           Mechanical data [Mounting data         Schraubgowinde         Pastic           Mounting method         Schraubgowinde         Schraubgowinde           Environmental characteristics [Climatic         Climatic         Climatic           Environmental characteristics [Climatic         Climatic         Climatic           Additional condition temperature range		
Fackgring unit         1           Electrical data   Supply         Poperating votage DC         24 V           Current operating per contact max.         4 A           Installation   Connection         M12 x I           Device protection   Electrical         Device protection   Electrical           Degree of protection (FN IEC 60529)         IP65, IP67           Device protection   Media         Fame resistance           Fame resistance         fame restandant           Mechanical data   Muterial data         Majorial housing           Mechanical data   Muturing data         Schraubgewinde           Environmental characteristics   Climatic         Operating temperature min.           Operating temperature max.         70 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Strong   Park		
Electrical data   Supply         24 V           Operating porting por contact max.         4 A           Installation   Connection         Manufage and porting	·	
Operating voltage DC         24 V           Current operating per contact max.         4 A           Installation   Connection         Mounting set         M12 x 1           Degree of protection   Electrical           Degree of protection   Electrical         P65, 1967           Device protection   Modia         Page of protection   Modia           Flame resistance         flame restardant           Macteral housing         Plastic           Macteral housing         Plastic           Mounting method         Schraubgewinde           Environmental characteristics   Climatic           Operating temperature max.         70 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Strown System   S	Packaging unit	1
Current operating per contact max.         4 A           Instaliation Connection         Mounting set         M12 x 1           Device protection [Electrical         Personance         Personance           Brilland Freshance         Bame restandant           Mechanical data   Material data         Mission Contact   Material data   Material data           Muchanical data   Mounting data         Schraubgewinde           Environmental characteristics   Climatic         Climatic           Operating temperature max.         20 °C           Additional condition temperature mane         depending on cable quality           Installation   Cable         Mybrid. Signal, Power           STOOW style jacket         Hybrid. Signal, Power           Cable identification         333           Cable identification         335           Annount stranding         1           Filer         yes           Wise arround Core filler twisted           Filler         yes           Material jacket         PUR           Shore hardness jacket         PUR	Electrical data   Supply	
Installation   Connection         Mil2 x 1           Device protection   Electrical         Device protection (FM ICC 00529)         P65, IP67           Device protection   Media         Filence resistance         fame retardant           Mechanical data   Mustrial data         Material housing         Plastic           Mechanical data   Munting data         Mustrial housing         Plastic           Mechanical data   Munting data         Mustrial housing         Schraubgewinde           Environmental characteristics   Climatic         Common training         Proceeding temperature min.         20 °C           Operating temperature mina.         70 °C         Additional condition temperature range         depending temperature max.         70 °C           Additional condition (abide         Hybrid, Signal, Power         Processing temperature range         Pubrid, Signal, Power           STOOW style gicket         Hybrid, Signal, Power         Pubrid, Signal, Power           Cable intellication         333         General condition (abide intelligential powers)           Type of Certificate         URB         August (abide intelligential powers)           Stranding         7 wires around Core filler Iwisted           Filler         yes           West around (abide powers)         9 wires around (abide powers)         9 wires around (abide powers)	Operating voltage DC	24 V
Device protection   Electrical           Degree of protection   Electrical           F65, IP67           Degree of protection   Media           Famour esistance           Mechanical data   Material data           Famour esistance           Mechanical data   Munting data         Plastic           Mechanical data   Munting data           Mechanical data   Munting data           Mechanical data   Munting data           Canada   Material data   Munting data           Mechanical data   Munting data           Canada   Material data   Munting data           Mechanical data   Munting data           Canada   Material data   Munting da	Current operating per contact max.	4 A
Device protection   Electrical  Degree of protection (EN EC 60529)   P65, IP67  Device protection   Media  Filame resistance   Same restardant    Mechanical data   Material data  Mechanical data   Mounting data  Mechanical data   Mounting data  Mounting method   Schraubgewinde    Environmental characteristics   Climatic  Operating temperature min.   20 °C  Operating temperature min.   70 °C  Operating temperature max.   70 °C  Cabbi Operating temperature max.   70 °C  Operating temperature max.   70 °C  Cabbi Operating temperature max.   70 °C  Operating temperature max.   70 °C  Cabbi Operating temperature max.   70 °C  Cabbi Operating temperature max.   70 °C  Operati	Installation   Connection	
Device protection ( IN IEC 60529)         IP65, IP67           Powice protection   Media         Ifame retardant           Mechanical data   Material data         Mechanical data   Mounting data           Mechanical data   Mounting data         Mounting method         Schraubgewinde           Environmental characteristics   Climatic         Vol.           Coperating temperature min.         20 °C         Coperating temperature may.         70 °C           Additional condition temperature range         depending on cable quality           Institution   Cable         Vol.           STOOM style jacked         Hybrid, Signal, Power           Gabie identification         33           Cable rype         2           Jacked Cober         gray           Type of Certificate         URUS           Amount stranding         1           Filler         yes           wire arrangement         white, green, yellow, gray, brown, blue, green-yellow           Cable weight         90.56 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 5 Shore A           Freedom from ingredients (jacket)         125 %           Outer diameter (jacket)         74 mm           Outer diameter (jacket)         92 (4 mm)	Mounting set	M12 x 1
Device protection ( IN IEC 60529)         IP65, IP67           Powice protection   Media         Ifame retardant           Mechanical data   Material data         Mechanical data   Mounting data           Mechanical data   Mounting data         Mounting method         Schraubgewinde           Environmental characteristics   Climatic         Vol.           Coperating temperature min.         20 °C         Coperating temperature may.         70 °C           Additional condition temperature range         depending on cable quality           Institution   Cable         Vol.           STOOM style jacked         Hybrid, Signal, Power           Gabie identification         33           Cable rype         2           Jacked Cober         gray           Type of Certificate         URUS           Amount stranding         1           Filler         yes           wire arrangement         white, green, yellow, gray, brown, blue, green-yellow           Cable weight         90.56 g/m           Material jacket         PUR           Shore hardness jacket         87 ± 5 Shore A           Freedom from ingredients (jacket)         125 %           Outer diameter (jacket)         74 mm           Outer diameter (jacket)         92 (4 mm)	Device protection   Electrical	
Device protection   Media           Flame resistance         flame retardant           Mechanical data   Material data         Mechanical data   Mounting data           Mechanical data   Mounting data         Mechanical data   Mounting data           Mechanical data   Mounting data         Schraubgewinde           Environmental characteristics   Climatic         Operating temperature min.         -20 °C           Operating temperature max.         70 °C           Additional condition temperature range         depending on cable quality           Institution   Cable         STOOM style jacket           STOOM style jacket         Hybrid, Signal, Power           Cable identification         333           Cable identification         333           Cable identification         333           Cable Color         gray           Type of Certificate         cURus           Amount stranding         1           Filler         yes           view 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)         15 %           Outer-diameter (jac		IP65 IP67
Flame resistance         flame retardant           Mechanical data   Material data           Mechanical data   Mounting data           Mounting membre         Schraubgewinde           Environmental Characteristics   Climatic           Operating temperature min.         20 °C           Operating temperature max.         70 °C           Additional condition temperature range         depending on cable quality           Installation   Cable           STOOW style jacket         Hybrid. Signal, Power           Cable dentification         333           Cable found         gray           Type of Certificate         CURus           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         87 ± 5 Shore A           Freedom from ingredients (jacket)         87 ± 5 Shore A           Tolerance outer diameter (sheath)         ± 5 %           Material principal facket         PVC		11 00, 11 07
Mechanical data   Material data         Plastic           Mechanical fata   Mounting data         Schraubgewinde           Environmental Characteristics   Climatic         Coperating temperature min.         20 °C           Operating temperature man.         70 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Total Cable           STOOM style jacket         Hybrid, Signal, Power           Cable identification         333           Cable identification         333           Cable Otor         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         7 wires around Core filier 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         87 ± 5 Shore A           Freedom from ingredients (jacket)         jead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         gray           Material inner jacket         PVC           Color (inner jacket)         gray           Material wire insulation		
Medical housing         Plastic           Mechanical data   Mounting data         Schraubgewinde           Environmental characteristics   Climatic         Commental properature min.         20 °C           Operating temperature min.         70 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         STOOW style jacket         Hybrid, Signal, Power           Cable identification         333         Cable Type         2           Jacket Cotor         gray         Cable Style jacket         General Style jacket         General Style jacket         General Style jacket         General Style jacket         Mybrid, Signal, Power           Cable Type         2         2         2         2         3         3         3         3         3         4<	Flame resistance	flame retardant
Mechanical 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         Wisher   Cable (antification   Cable (ant	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           STOOW style jacket         Hybrid, Signal, Power           Cable identification         333           Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           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         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 juner jacket         PVC           Color (inner jacket)         gray           Material juner jacket)	Material housing	Plastic
Environmental characteristics   Climatic           Operating temperature min.         -20 °C           Operating temperature max.         70 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Installation   Cable           STOOW style jacket         Hybrid, Signal, Power           Cable identification         333           Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           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         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 (inner jacket)         gray           Material wire insulation         pVC           Arount wires         4           Outer diameter (insulation	Mechanical data   Mounting data	
Operating temperature min.         -20 °C           Operating temperature max.         70 °C           Additional condition temperature range         depending on cable quality           Installation   Cable           STOOW syle jacket         Hybrid, Signal, Power           Cable identification         333           Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           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 (nner jacket)         gray           Material wire insulation         pVC           Amount wires         4           Outer diameter insulation         1.3	Mounting method	Schraubgewinde
Operating temperature max.         70 °C           Additional condition temperature range         depending on cable quality           Installation   Cable           STOOW style jacket         Hybrid, Signal, Power           Cable identification         333           Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           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 vine insulation         pVC           Amount wires         4           Outer diameter tolerance core insulation         1.3 mm           Outer diameter tolerance core insulation	Environmental characteristics   Climatic	
Operating temperature max.         70 °C           Additional condition temperature range         depending on cable quality           Installation   Cable           STOOW style jacket         Hybrid, Signal, Power           Cable identification         333           Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           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 vine insulation         pVC           Amount wires         4           Outer diameter tolerance core insulation         1.3 mm           Outer diameter tolerance core insulation	Operating temperature min.	-20 °C
Additional condition temperature range         depending on cable quality           Installation   Cable           STOOW style jacket         Hybrid, Signal, Power           Cable Type         2           Jacket Cofor         gray           Type of Certificate         cURus           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           Outer-diameter (jacket)         7,4 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Color (inner 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         43 ± 5 Shore D           Material properties wire insulat		
Installation   Cable           STOOW style jacket         Hybrid, Signal, Power           Cable identification         333           Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           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 insulation         43 ± 5 Shore D           Material properties wire insulation         43 ± 5 Shore D           Material properties wire insulation         43 ± 5 Shor		depending on cable quality
STOOW style jacket         Hybrid, Signal, Power           Cable identification         333           Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           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)         yray           Material wire insulation         1,3 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D           Shore hardness wire insulation         43 ± 5 Shore D           Material properties wir		
Cable Identification         333           Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           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         ± 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		Hybrid Signal Power
Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           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         ±,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		
Jacket Color         gray           Type of Certificate         cURus           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         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free		
Type of Certificate         cURus           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         43 ± 5 Shore D           Material properties 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 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness 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		
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	·	
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	<u>-                                      </u>	
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		·
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		
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		<del>-</del>
Freedom from ingredients (jacket)  Outer-diameter (jacket)  7,4 mm  Tolerance outer diameter (sheath)  4  Color (inner jacket)  Material inner jacket)  PVC  Amount wires  4  Outer diameter insulation  1,3 mm  Outer diameter insulation  Anderse insulation  43 ± 5 Shore D  Material properties wire insulation  Jead-free, cadmium-free, CFC-free, silicone-free	Shore hardness jacket	
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	·	lead-free, cadmium-free, CFC-free, silicone-free
Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires4Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-free	Outer-diameter (jacket)	
Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires4Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-free	Tolerance outer diameter (sheath)	±5%
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		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

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: 2024-05-04



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
Traversing distance (C-track)	5 m
Travel speed (C-track)	3
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
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
Loop resistance	7,8 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
Min. operating temperature (static)	-30 ℃
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
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
Travel speed (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