

## M8 male 0° / M12 female 90° A-cod.

PUR 3x0.25 bk UL/CSA 1.8m

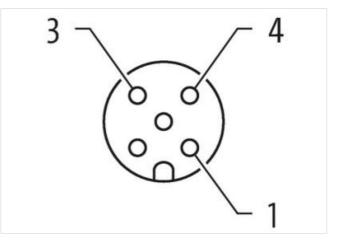
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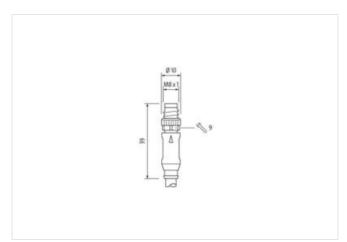
Male straight – female 90° M8 – M12, 3-pole M12, A-coded Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

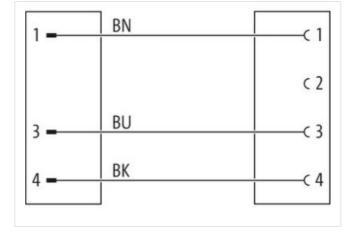
## Link to Product

Illustration

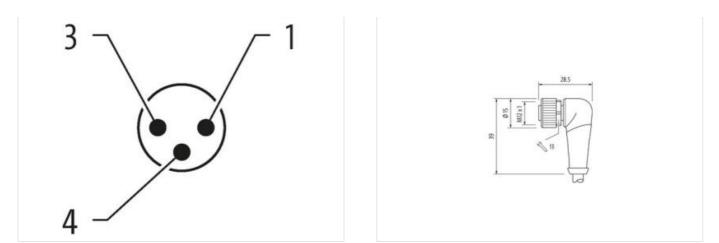












Product may differ from Image



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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: 2024-05-19



Packaging unit         1           Electrical data [Suppi)	ETIM-5.0	EC001855
Packaging unit         1           Electrical claim Supply         Image: Claim Supply Su	customs tariff number	85444290
Electrical data   Supply         Use a construction of the second of	GTIN	4048879788076
Operating voltage AC max.50 VOperating voltage AC max.60 VOperating voltage AC ULI black30 VOperating voltage AC ULI black30 VCurrent operating per contact max.4 ADispositeVDispositeVDispositeVDispositeN <trr>DispositeN<td>Packaging unit</td><td>1</td></trr>	Packaging unit	1
Operating voltage DC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Current operating per ophate max.         4 A           Diagnostics         mo           Betwise indication LED         no           Device protection   Electrical         mo           Device protection   Electrical         method, screwed           Polition Duration protection darge         is entred, screwed           Polition Duration protection darge         3           Reade surge voltage AC (UL-listed)         1           Method protection (EN EC 60664 1)         1           Method is darge AC (UL-listed)         3           Reade surge voltage AC (UL-listed)         3           Reade surge voltage AC (UL-listed)         4           Method protection (Electrical         Mouthod)           Material policy         1,5 kV           Material policy         1,5 kV           Material policy         PUR           Locking mathetial data         Tice darge casting           Mechanical data (Moutting data         Tice darge casting           Material policy (Interportater max.         85 °C           Additional condition temoperater market         85 °C	Electrical data   Supply	
Operating voltage DC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Current operating per ophate max.         4 A           Diagnostics         mo           Betwise indication LED         no           Device protection   Electrical         mo           Device protection   Electrical         method, screwed           Polition Duration protection darge         is entred, screwed           Polition Duration protection darge         3           Reade surge voltage AC (UL-listed)         1           Method protection (EN EC 60664 1)         1           Method is darge AC (UL-listed)         3           Reade surge voltage AC (UL-listed)         3           Reade surge voltage AC (UL-listed)         4           Method protection (Electrical         Mouthod)           Material policy         1,5 kV           Material policy         1,5 kV           Material policy         PUR           Locking mathetial data         Tice darge casting           Mechanical data (Moutting data         Tice darge casting           Material policy (Interportater max.         85 °C           Additional condition temoperater market         85 °C	Operating voltage AC max.	50 V
Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Concernel operating per contract max.         4           Diagnostis         no           Device protection [Electrical         no           Device operation [Electrical         no           Matarial condition protection degree         inserted, screwed           Pollution Degree         3           Matarial nousing         PUR           Matarial nousing         PUR           Matarial nousing         PUR           Moderal nousing         PUR           Moderal nousing         PUR           Departing temperature max.         A5 °C           Operating temperature max.         A5 °C           Operating temperature max.         A5 °C           Operating temperature ma		60 V
Operating voltage DC (UL-listed)         30 V           Current operating per contant max.         4 A           Diagnostic         Status Indication LED         no           Device protection   Electrical         Degree of protection relation relation and status indication (EN IEC 60623)         IP65, IP67, IP68, IP68K           Additional condition protection degree         3         Reserved           Pollution protection degree         3         Reserved           Material gravitage         1.5 kV         Material gravitage         Reserved           Material gravitage         PUR         Coating locking         Material relation (PUR           Material protection (Entertexter and de coating         Mechanical characteristics (Climatic         Coating           Operating temperature max.         26 °C         Coating locking and cable quality         Coating           Operating temperature max.         26 °C         Coating         Coating locking and cable quality           Coating temperature max.         26 °C         Coating         Coating           Din For 6 Coating         Din En 61076 2-114 (ME)		
Current operating per contact max.         4 A           Diagositis         Interview indication LED           Status indication LED         no           Device protection [Electrical         Interview indication LCN IEC 60569.           Device protection (EN IEC 60569.         IP65, IP67, IP68, IP66K           Additional condition protection degree         3           Rated surge voltage         1.5 kV           Material group (IEC 60664-1)         I           Degreating topmactations (IEC 60664-1)         I           Baterit		30 V
Staus indication LED         no           Device protection   Electrical         IP65, IP67, IP68, IP66K           Additional condition protection degree         IP65, IP67, IP68, IP66K           Additional condition protection degree         IP65, IP67, IP68, IP66K           Additional condition protection degree         IP65, IP67, IP68, IP66K           Material group (IEC 60664+1)         I           Material group (IEC 60664+1)         IP           Opretain (Inservertan errange on cable quality	Current operating per contact max.	4 A
Device protection   Electrical           Degree of protection (EN EC 60529)         IP65, IP67, IP68, IP66K           Additional condition protection degree         inserted, screwed           Delution Degree         3           Rated surge voltage         1,5 kV           Metarial group (IEC 60654)         I           Mechanical data [ Material data         Used           Mechanical data [ Material data         FKM           Material gasket         FKM           Material gasket         FKM           Metarial data [ Moundig data         Unc die-cassing           Mechanical data [ Moundig data         Unc die-cassing           Mechanical data [ Moundig data         Unc die-cassing           Mounting method         inserted, screwed, Shaking protection           Environmetal characteristics [ Climatic         Goerating temperature min.           Operating temperature max.         65 °C           Additional condition temperature range         depending on cable quality           Colorinity         Diverse 100 (Die Sc 2010 (M12), Din EN 61076-2114 (M8)           Installation ( Cable         Gable Goorification         G20           Cable chonification         G20         Cable Goorification         G20           Cable chonification         G20         Cable Goori		
Degree of protection (EN IEC 60529)         IP65, IP67, IP68, IP66K           Additiona condition protection degree         inserted, screwed           Patilate surge voltage         1,5 kV           Material group (IEC 6064-1)         I           Mechanical data   Material data         Nickeled           Coating locking         Nickeled           Material gasket         FKM           Material pasket         FKM           Material housing         PUR           Locking material         Zinc die-asting           Mechanical data   Mounting data         Incereasting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Gimatic         25 °C           Operating temperature max.         85 °C           Additional condition temperature may.         625 °C           Operating temperature may.         625 °C           Operating temperature may.         625 °C           Contormity         Contormity           Product standard         Din EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation   Cable         620           Cable Type         2           Cable Type         2           Cable Type         2           Cable Cori	Status indication LED	no
Additional condition protection degree         inserted, screwed           Pollution Degree         3           Reted surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Coading locking         Nickeled           Material gaset         FKM         Material gaset         FKM           Material gaset         FKM         Material gaset         Coading locking         Nickeled           Material gaset         FKM         Material gaset         FKM         Material gaset         FKM           Material gaset         FKM         Material gaset         FKM         Material gaset         FKM           Mounting method         Inserted, screwed, Shaking protection         Inserted, screwed, Shaking protection         Material gaset         FKM           Mounting method         Inserted, screwed, Shaking protection         Inserted, screwed, Shaking protection         Material gaset         FKM           Mounting method         Inserted, screwed, Shaking protection         Inserted, screwed, Shaking protection         Externation         FXM	Device protection   Electrical	
Additional condition protection degree         inserted, screwed           Pollution Degree         3           Reted surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Coading locking         Nickeled           Material gaset         FKM         Material gaset         FKM           Material gaset         FKM         Material gaset         Coading locking         Nickeled           Material gaset         FKM         Material gaset         FKM         Material gaset         FKM           Material gaset         FKM         Material gaset         FKM         Material gaset         FKM           Mounting method         Inserted, screwed, Shaking protection         Inserted, screwed, Shaking protection         Material gaset         FKM           Mounting method         Inserted, screwed, Shaking protection         Inserted, screwed, Shaking protection         Material gaset         FKM           Mounting method         Inserted, screwed, Shaking protection         Inserted, screwed, Shaking protection         Externation         FXM	Degree of protection (EN IEC 60529)	IP65. IP67. IP68. IP66K
Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (EC 60664-1)         I           Machraid group (EC 60664-1)         I           Material group (EC 60664-1)         I           Material gasket         FKM           Material gasket         FKM           Material busing         PUR           Locking material         Zinc die-casting           Material hubiting data         Inserted, screwed, Shaking protection           Environmental characteristics [ Climatic         Commany           Operating temperature max.         45 °C           Operating temperature max.         45 °C           Additional condition temperature max.         45 °C           Conformit         Conformit           Cable Type         2           Additional Condition temperature range         620           Cable Type         2           Jacket Color         black           Type of Certificate         CURus           Anount stranding         1           Stranding         3 wires twisted           wire arangement         brown, black, blue           Cable weigh         26.58 c/m           Material jeacket         PUR		
Rate surge voltage         1,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Vickeled           Material gasket         FKM           Material gasket         FKM           Material housing         PUR           Locking material         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed. Shaking protection           Environmental characteristics   Climatic         Operating temperature man.           Operating temperature man.         25 °C           Operating temperature man.         85 °C           Additional condition temperature man.         85 °C           Additional condition temperature man.         85 °C           Conformity         Product standard           DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         Inserted, Screwed, Schewer, Schewer		· · · · · · · · · · · · · · · · · · ·
Material group (IEC 60664-1)     I       Mechanical data   Material data     Example       Coating locking     Nickeled       Material agast     FKM       Material pasterial     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       25 °C     Operating temperature min.     25 °C       Operating temperature min.     25 °C       Operating temperature max.     85 °C       Additional condition temperature max     85 °C       Additional condition temperature may.     85 °C       Catorinity     Product standard       DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)       Installican   Cable       Cable identification     620       Cable Type     2       Jackot Color     black       Type of Certificate     cURus       Anount stranding     1       Stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable weight     26.52 g/m       Material jacket     PUR       Store Adress jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     4.3 mm       Tolerance outer diameter (sheath)     ± 5 %   <		
Mechanical data   Material data           Coating looking         Nickeled           Material possing         PKM           Material loosing         PUR           Looking material         Zinc die-casting           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Contemity         Environmental Coperating temperature max.           Product standard         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation   Cable         Environmental Coperating temperature max.           Cable identification         620           Cable identification         620           Cable identification         620           Cable identification         Gave           Type of Cofficate         OIFus           Anount stranding         1           Stranding         3 wires twisted           View arrangement         brown, black, blue           Cable weigh         26.62 g/m           Material jacket         PUR <tr< td=""><td></td><td>·  </td></tr<>		· 
Cating lockingNickeledMaterial gasketFKMMaterial housingPURLocking materialZin cdle-castingMechanical data   Mounting dataInserted, screwed, Shaking protectionEnvironmental characteristics   ClimaticOperating temporature min25 °COperating temporature min25 °COperating temporature min25 °COperating temporature max.Additional condition temporature rangedepending on cable qualityContomityDin EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableContomityCable of conting2Zacket ColorblackType of CertificatecUFusAmount stranding1Stranding3 wires twistedWire arrangementbrown, black, blueCable veight26.62 g/mMaterial jacketPURShore hardness jacket8 5 t Shore AFreedom from ingredients (jacket)4.3 nmCableranet (jacket)4.5 %Material jacket9VCAmount wires3Outer diameter insulation4.2 % minCuber diameter insulation1.26 mmOuter diameter insulation1.26 mmOuter diameter insulation4.3 trsDiameter insulation9.0Outer diameter insulation1.26 mmOuter diameter insulation1.26 mmOuter diameter insulation1.26 mmOuter diameter insulation1.26 mmOuter diameter insulation1.26 mm		
Material gasket         FKM           Material bousing         PUR           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mounting method         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         -25 °C           Operating temperature max.         85 °C	Coating locking	Nickeled
Material housing         PUR           Locking material         Zinc clie-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.         -25 °C           Operating temperature max.         85 °C         Additional condition temperature range         depending on cable quality           Contromity         Environmental Cable         Environmental Cable         Environmental Cable           Cable Identification         620         Eable Identification         Eable Identification           Cable Identification         620         Eable Identification         Eable Identification           Stranding         1         Stranding         Installation   Cable           Cable Identification         620         Eable Identification         Eable Identification           Stranding         1         Stranding         Installation   Cable         Eable Identification           Stranding         1         Stranding         Installation   Cable         Eable Identification         Eable Identificatise         Eable Identificatise <t< td=""><td></td><td></td></t<>		
Locking method         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatio         Operating temperature min.         -25 °C           Operating temperature max.         85 °C         Additional condition temperature range         depending on cable quality           Conformity         Product standard         DIN EN 61076-2-114 (M8)         Installation   Cable           Cable identification         620         Cable identification         620           Cable identification         620         Cable identificate         URs s           Amount stranding         1         Stranding         Stranding           Type of Certificate         cURus         Curre depending on cable identification         620           Cable identification         620         Cable identificate         CURus           Amount stranding         1         Stranding         Stranding         Stranding           Stranding         3 wires twisted         Stranding         Stranding         Stranding           Material jacket         PUR         Shore hardness jacket         85 ± 5 Shore A         Freedom from ingredients (jacket)         Iead-free, cadmium-free, CFC-free, silicone-free           Cuter diameter (jacket)         4,3 mm	-	
Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Conformity         70           Product standard         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation   Cable         620           Cable identification         620           Cable Identification         620           Cable Identification         620           Cable Verificate         uRus           Amount stranding         1           Stranding         0           Stranding         1           Stranding         3 wires twisted           wire arragement         brow, black, blue           Cable weigh         26,62 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         14,3 mm           Tolerance utric diameter (jacket)         4,3 mm           Tolerance utric diameter (jacket)         4,3 mm           Tolerance utric diameter (jacket)         4,3 mm <tr< td=""><td></td><td></td></tr<>		
Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Conformity            Product standard         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation   Cable            Cable fuper         2           Jacket Color         black           Type of Certificate         cURus           Anount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         26,62 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer diameter (sheath)         ± 5 %           Material jacket         PUR           Shore hardness jacket         85 ± 5 %           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount twires         3		
Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Conformity            Product standard         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation   Cable            Cable for Color         620           Cable Type         2           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wirest wisted           wire arrangement         brown, black, blue           Cable weigth         26,62 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer diameter (jacket)         4,3 mm           Tolerance outer diameter (sheath)         4,5 %           Material wire insulation         PVC           Amount vires         3           Outer diameter insulation         1,25 mm           Outer diameter insulation         1,25 mm		inserted screwed Shaking protection
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Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Conformity       Installation (Cable         Broduct standard       DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         Installation   Cable       620         Cable identification       0LR         Additional condition       92         Jacket Color       black         Type of Certificate       cURus         Amount stranding       1         Stranding       3 wires twisted         wire arrangement       brown, black, blue         Cable weigth       26.62 g/m         Material jacket       PUR         Shore hardness jacket       85 ± 5 Shore A         Freedom from ingredients (jacket)       Iead-free, cad	· ·	
Additional condition temperature range       depending on cable quality         Conformity         Product standard       DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         Installation   Cable         Cable identification       620         Cable identification       620         Cable Type       2         Jacket Color       black         Type of Certificate       cURus         Amount stranding       1         Stranding       3 wires twisted         wire arrangement       brown, black, blue         Cable weigth       26.62 g/m         Material jacket       PUR         Shore hardness jacket       85 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, silicone-free         Outer diameter (jacket)       4.3 mm         Tolerance outer diameter (jacket)       ± 5 %         Material wire insulation       PVC         Amount wires       3         Outer diameter insulation       1,25 mm         Outer diameter insulation       43 ± 5 Shore D	· · · ·	
ConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable identification620Cable identification620Cable Type2Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer insulationPVCAmount wires3Outer diameter (sheath)± 5 %Material wire insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D		
Product standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable identification620Cable identification620Cable Type2Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadnium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material vire insulationJVCAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation43 ± 5 Shore D		depending on cable quality
Installation   CableCable identification620Cable Type2Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter diameter (jacket)4,3 mmTolerance outer dismeter (sheath)± 5 %Material wire insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D		
Cable identification620Cable Type2Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Cable Type2Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Installation   Cable	
Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Cable identification	620
Type of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Cable Type	2
Amount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Jacket Color	black
Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Type of Certificate	cURus
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Cable weigth26,62 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Stranding	3 wires twisted
Material jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	wire arrangement	brown, black, blue
Shore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Cable weigth	-
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Material jacket	
Outer-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D		85 ± 5 Shore A
Tolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D		
Material wire insulation     PVC       Amount wires     3       Outer diameter insulation     1,25 mm       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     43 ± 5 Shore D	Outer-diameter (jacket)	
Amount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Tolerance outer diameter (sheath)	
Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D		
Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     43 ± 5 Shore D		
Shore hardness wire insulation     43 ± 5 Shore D		·
Material properties wire insulation good machinability		

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Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Travel speed (C-track)	2 Mio. @ 25 °C
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	79 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 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter

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