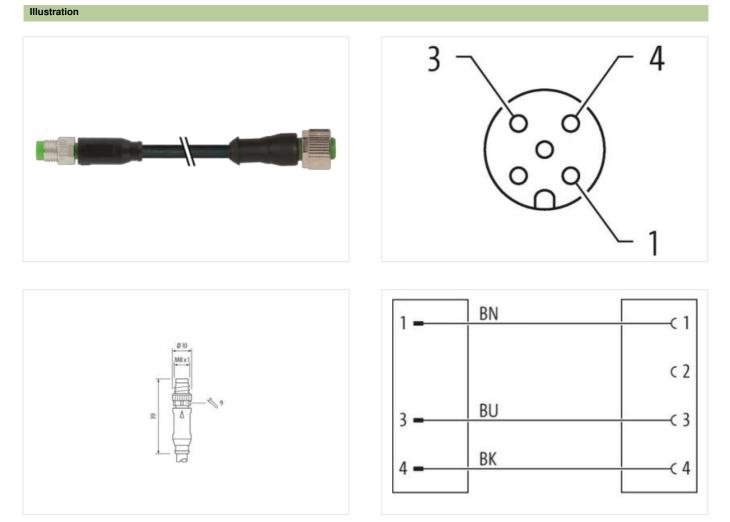


## M8 male 0° / M12 female 0° A-cod.

PUR 3x0.25 bk UL/CSA+drag ch. 7.5m

Male straight – female straight M8 – M12, 3-pole 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.

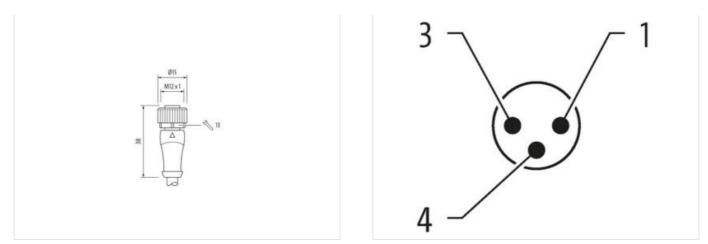
## Link to Product



The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-27

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Product may differ from Image



Cable length	7,5 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW9
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW13
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311

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GTIN4048679128839Packaging unit1Packaging unit1Deprinting voltage AC max.50 VOperating voltage AC Max.60 VOperating voltage AC (UL-listed)30 VOperating voltage CO reat.60 VOperating voltage Co fuel.4 ADevice production protection I ElectricalVDevice production protection I ElectricalVDevice production protection I ElectricalNoRead surge voltage AC (UL-listed)3 VMaterial grave (IE CO 60542)IP65, IP63, IP63, IP60KAdditional conduction protection ElectricalNoMaterial grave (IE CO 60541)1Naterial grave (IE CO 60541)1Read surge voltage3 SMaterial grave (IE CO 60541)1Material grave (IE CO 60541)1Rechanical data [ Material data]PURMaterial grave (IE CO 60541)1NoskeledMaterial gravesMaterial gravesPURMaterial gravesPURConting InclingNoskeledMaterial gravesPURMaterial graves25 °COperating temperature max.25 °COperating temperature max.26 °C <t< th=""><th>ETIM-5.0</th><th>EC001855</th></t<>	ETIM-5.0	EC001855
Packaging unit         1           Electrical data   Supply	customs tariff number	85444290
Electical data   Supply           Operating voltage AC max.         50 V           Operating voltage DC Dracs.         60 V           Operating voltage DC Dracs.         30 V           Control operating voltage DC (UL-listed)         30 V           Operating voltage DC Dracs.         4 A           Drive protoction   Electrical         Electrical Science           Drive protoction protoction darge         18.97.978.98.1988K           Additional confidion protocolito darge         3           Baladis surge voltage DC (UL-listed)         1.5.8.V           Material protocolito (EN ICE 60664-1)         1           Baladis surge voltage DC (UC-60664-1)         1           Baladis surge voltage DC (UC-60664-1)         1           Material protocy (IEC 60664-1)         2           Material protocy (IEC 60664-1)         2           Data districation of the protocy (IEC 60664-1)         2           Material protocy (IEC 60664-1)         2           Material protocy (IEC 60664-1)         2           Data districation of the protocy (IEC 60664-1)	GTIN	4048879123839
Operating voltage AC max.S0 VOperating voltage AC max.S0 VOperating voltage AC (UL-Isted)30 VOperating voltage AC (UL-Isted)30 VOperating voltage AC (UL-Isted)30 VOperating voltage AC (UL-Isted)30 VOperating voltage AC (UL-Isted)4 ADevice protection I ElectricalInserting Acting	Packaging unit	1
Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Device protection   Electrical         0           Degree of protection (EN EC 6052)         IP65, IP67, IP68, IP66K           Addition of protection of degree         inserted, screwed           Pullian Degree         3           Reade starge voltage         1           Machanic data         V           Material rugs voltage         1.5 kV           Material rugs voltage         Nickelad           Machanic data (Material Adata)         Vice device protection (Electrical)           Material rugs voltage AC (UL-listed)         Vice device protection (Electrical)           Material rugs voltage AC (UL-listed)         Inserted, screwed, Shaking protection           Material rugs voltage AC (UL-listed)         Inserted, screwed, Shaking protection           Environmental characteristics (Climatic         Gonadity           Operating temperature man.         25 °C           Operating temperature man.         25 °C           Operating temperature man.         25 °C           Operating temperature man.         63 °C           Addition (Cable)         Inserted, screwed, Shaking proteclatit (M8)           Instat	Electrical data   Supply	
Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Device protection   Electrical         0           Degree of protection (EN EC 6052)         IP65, IP67, IP68, IP66K           Addition of protection of degree         inserted, screwed           Pullian Degree         3           Reade starge voltage         1           Machanic data         V           Material rugs voltage         1.5 kV           Material rugs voltage         Nickelad           Machanic data (Material Adata)         Vice device protection (Electrical)           Material rugs voltage AC (UL-listed)         Vice device protection (Electrical)           Material rugs voltage AC (UL-listed)         Inserted, screwed, Shaking protection           Material rugs voltage AC (UL-listed)         Inserted, screwed, Shaking protection           Environmental characteristics (Climatic         Gonadity           Operating temperature man.         25 °C           Operating temperature man.         25 °C           Operating temperature man.         25 °C           Operating temperature man.         63 °C           Addition (Cable)         Inserted, screwed, Shaking proteclatit (M8)           Instat	Operating voltage AC max.	50 V
Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Current operating protection   Electrical         Image: AC (UL-listed)           Derive protection   Electrical         Image: AC (UL-listed)           Derive protection   Electrical         Image: AC (UL-listed)           Derive protection   Electrical         Image: AC (UL-listed)           Additional condition protection dogree         3           Rated surge voltage         1.5 kV           Material group (EC 60664-1)         1           Material prove (EC 60664-1)         1           Derive developmental characterial data         FKM           Material prove (EC 60664-1)         2           Derive developmental characterial data         EV           Operating temperature max.         2		60 V
Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Device protection [Electrical            Degree of protection (EN IEC 60629)         IP65, IP67, IP66, IP66K           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1.5 kV           Material proup (EC 60664-1)         1           Machanical distal Material data            Coating locking         Nickeled           Material passity         FKM           Material passity         FKM           Material passity         Ref           Mounting method         inserted, screwed, Shaking protection           Environmethal characteristics   Glimatic         Collination           Operating temperature min.         25 °C           Operating temperature max.         85 °C           Calcinal condition tomograture rarea         650           Calcination         630           Calcinaton		
Current operating per context max.         4 A           Device protection [Electrical           Device protection (ENEC 60529)         IP65, IP67, IP68, IP66K           Additional condition protection degree         inserted, screwed           Polizion Degree         3           Raide surge voltage         1, Sk V           Material group (IEC 60664-1)         1           Mechanical data [Material data         Conting locking           Conting locking         PUR           Locking material         Zin de-casting           Material group (IEC 60664-1)         Inserted, screwed, Shaking protection           Locking material         Zin de-casting           Material provide         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature max.           Operating temperature max.         85 °C           Additional condition temperature max.         85 °C           Conternity         Conternity           Product standard         DIN EN 61075 2.101 (M12), DIN EN 61075 2.114 (M8)           Instaliction   Cobing material characteristics   Climatic         Conternity           Conternity         3           Cable donfination         630           Cable donfination         630           Cab	Operating voltage DC (UL-listed)	30 V
Degree of protection (EN IEC 60529)         IP66, IP67, IP68, IP66K           Additional condition protection degree         inserted, screwed           Pated surge voltage         3           Rated surge voltage         1.5 KV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Contantical data           Contany locking         PUR           Contany locking         purple           Cocking material         Zm 6ic-casting           Mechanical data   Mounting data         mode-casting           Cocking material         Zm 6ic-casting           Mechanical data   Mounting data         mode-casting           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature max.         85 °C           Contornity         UN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Insellation   Cable         UN EN 61076-2-101 (M12), DIN EN 61076-2	Current operating per contact max.	4 A
Degree of protection (EN IEC 60529)         IP66, IP67, IP68, IP66K           Additional condition protection degree         inserted, screwed           Pated surge voltage         3           Rated surge voltage         1.5 KV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Contantical data           Contany locking         PUR           Contany locking         purple           Cocking material         Zm 6ic-casting           Mechanical data   Mounting data         mode-casting           Cocking material         Zm 6ic-casting           Mechanical data   Mounting data         mode-casting           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature max.         85 °C           Contornity         UN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Insellation   Cable         UN EN 61076-2-101 (M12), DIN EN 61076-2		
Additional condition protoction degree         isserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (EC 60664-1)         1           Mechanical data [Material data         Conting locking           Cating locking         Nickeled           Material gravel         FKM           Material focusing         PUR           Locking material         Zinc die-casting           Mochanical data [Mounting data         Isserted, screwed, Shaking protoction           Environmental characteristics [Climatic         Conting locking           Operating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature max.         85 °C           Additional condition temperature max.         85 °C           Catomity         Conomity           Product standard         DIN EN 61076-2-114 (M6)           Installation [Cable         Cable doutileation           Cable doutileation         630           Cable doutileation         630           Cable Type         3           Cable doutileation         040           No. I bending cycles (C-track)         DI Mex 625 °C           Cable weigh	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (EC 60664-1)         1           Material group (EC 60664-1)         1           Material group (EC 60664-1)         1           Material position         PKM           Material position         PKM           Material position         PUR           Locking material         Zinc die-casting           Machanical datal [Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics [Climatic         Commit           Operating temperature min.         -25 °C           Operating temperature max.         88 °C           Additional condition temperature range         depending on cable quality           Contomity         Contomity           Product standard         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installization [Cable         Silo           Cable identification         630           Cable identification         630           Cable identification         Silo           Silo ackat Color         black           Vire of Certificate         cURus           Anount stranding         1           Stranding         3 wires twated		
Bated surge voltage         1.5 kV           Material group (EC 60664-1)         I           Mechanical data   Material data         Conting looking           Cating looking         Nickeled           Material gasket         FKM           Material housing         PUR           Looking material         Zinc die casting           Mechanical data   Mounting data         Material oscanting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.           Operating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Conternity         Product standard           Din En 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         Installation [ Gable           Cable identification         630           Cable identification         630           Cable identification         630           Cable identification         630           Cable identification         010 ko. @ 25 °C           Cable identification         02 ks/ks/ks/ks/ks/ks/ks/ks/ks/ks/ks/ks/ks/k		·
Material group (IEC 60664-1)         I           Mechanical data   Material data            Coaling tocking         Nickeled           Material gastet         FKM           Material flowsing         PUR           Locking material         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.           Operating temperature max.         85 °C           Additional condition temperature max.         85 °C           Additional condition temperature max.         85 °C           Cabilization   Cable         Environmental           Environmental         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation   Cable         Environmental           Cable dentification         630           Cable Type         3           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted <tr< td=""><td></td><td></td></tr<>		
Mechanical data   Material data           Coating locking         Nickeled           Material gasket         FKM           Material ansing         PUR           Locking material         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Comparing temperature max.           25 °C         Operating temperature max.           26 °C         Operating temperature max.           27 °C         Operating temperature max.           26 °C         Operating temperature max.           26 °C         Operating temperature max.           26 °C         Operating temperature max.           27 °C         Operating temperature max.           28 °C         O		
Coating locking         Nickeled           Material pasket         FKM           Material pasket         FKM           Material housing         PUR           Locking material         Zino die-casting           Meterial factal fMounting data         Inserted, screwed, Shaking protoction           Environmental characteristics [ Climatic         Comparing temperature min.         -25 °C           Operating temperature max.         85 °C         Additional condition temperature may.           Additional condition temperature may.         85 °C         Additional condition temperature may.           Additional condition temperature may.         85 °C         Additional condition temperature may.           Additional condition temperature may.         85 °C         Additional condition temperature may.           Additional condition temperature may.         85 °C         Additional condition temperature may.           Additional condition temperature may.         85 °C         Additional condition temperature may.           Additional condition temperature may.         85 °C         Additional condition temperature may.           Additional condition temperature may.         85 °C         Additional condition temperature may.           Additional condition temperature may.         Bin En 1076-2-11 (M12), DIN EN 61076-2-114 (M8)         Insetted a 100 (M12), DIN EN 61076-2-114 (M8)<		
Material gasket         FKM           Material housing         PUR           Locking material         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.           Qperating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature max.         65 °C           Additional condition temperature max.         630           Conformity         Inself 076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation   Cable         Cable oftentification           Cable identification         630           Cable Type         3           Jacket Color         black           Type of Certificate         CURus           Amount stranding         1           Stranding         3 wires twisted           wire arangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigh         26.4 g/m           Material jacket         PUR           Store hardness jacket         90 ± 5 Shore A           Freedom from ingredients (gacket)         63 °C           Cable w	•	Nickeled
Material housing         PUR           Lacking material         Zinc die-casting           Mechanical data   Mounting material         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Environmental characteristics   Climatic           Operating temperature man.         25 °C           Operating temperature max.         85 °C           Additional condition temperature max.         85 °C           Material housing         UNE N 61076-2-111 (M12), DIN EN 61076-2-114 (M8)           Installation Cable         Environmental characteristics   Climatic           Cable identification         630           Cable identification         630           Cable identification         630           Cable identification         91ack           Nack I Color         black           Type of Certificate         0URus           Amount stranding         1           Stranding sysives twisteted         svires twisteted		
Locking material         Zinc die-casting           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Construction           Operating temperature min.         -25 °C           Operating temperature min.         -25 °C           Operating temperature main.         85 °C           Additional condition temperature range         depending on cable quality           Construct         Environmental Cable Cable identification           Stabilation   Cable         Environmental Cable identification           Cable identification         630           Cable identification         630           Cable identification         630           Cable identification         1           Stranding         1           Stranding         1           Stranding         1           Stranding         1           Stranding         3 wires twisted           wire arangement         brown, black, blue           No. or bending cycles (C-track)         10 Mo. @ 25 °C           Cable weigh         26.4 g/m           Material jacket         PUR           Store hardness jacket         PUR           Store hardness jacket         90 ± 5 Shore		
Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic		-
Mounting methodinserted, screwed, Shaking protectionEnvironmental characteristics   ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityContermityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable identification630Cable Identification630Stranding1Stranding1Stranding1Stranding1Stranding1Stranding10 Mic. @ 25 °CCable weight26,4 g/mMaterial JacktPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)14,1 mmTolerance outer (alameter (sheath)± 5 %Material JacktPPAmount Wries3Outer diameter (sheat	<b>,</b>	
Tervironmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Conservity       Temperature max.         Product standard       DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         Installation   Cable       Cable identification         Cable identification       630         Stranding       1         Stranding       1         Stranding       3 wires twisted         wire arrangement       brown, black, blue         No. of bending cycles (C-track)       10 Mito. @ 25 °C         Cable weight       26,4 g/m         Material jackt       PUR         Shore hardness jacket		inserted, screwed. Shaking protection
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 identification         630           Cable Type         3           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigth         26,4 g/m           Material jacket         PUR           Store A         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer diameter (jacket)         4,1 mm           Tolerance outri (jacket)         4,5 %           Material wire insulation         PP           Amount Wires         3           Outer diameter (isheath)         1,5 %           Material wire insulation         1,25 mm     <	-	
Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Conformity         Installation   Cable           Product standard         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation   Cable         Cable form           Cable Type         3           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio.@ 25 °C           Cable weigth         26,4 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         1 ead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer diameter (jacket)         4.1 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter insulation         1,25 mm           Outer diameter insulation         1,25 mm	· · · ·	-25 °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 identification       630         Cable Identification       630         Cable Type       3         Jacket Color       black         Type of Certificate       cURus         Amount stranding       1         Stranding       3 wires twisted         wire arrangement       brown, black, blue         No. of bending cycles (C-track)       10 Mio. @ 25 °C         Cable weigth       26, 4 g/m         Material jacket       PUR         Shore hardness jacket       90 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         Outer-diameter (jacket)       ± 5 %         Material wire insulation       PP         Amount wires       3         Outer diameter (bleaxe)       ± 5 %         Shore hardness wire insulation       ± 5 %         Shore hardness wire insulation       1,25 mm         Outer diameter (bleaxed)       ± 5 %         Shore hardness wire insulation       ± 5 % </td <td></td> <td></td>		
Conformity           Product standard         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation   Cable           Cable identification         630           Cable Identification         630           Cable Identification         630           Cable Identification         630           Cable Identification         black           Cable Identification         black           Cable Identification         cubre Values           Advect Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigth         26.4 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4.1 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         1.25 mm           Outer diameter insulation         1.25 mm           Outer diam		
Product standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable identification630Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26.4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4.1 mmTolerance outer diameter (sheath)± 5 %Material jwre insulationPPAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationFo ± 5 Shore DIngredient freeness wire insulationIn ± 5 %		
Installation   CableCable identification630Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)± 5 %Material wire insulationPPAmount wires3Outer diameter fusulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation10 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-free		DIN EN 61076-2-101 (M12) DIN EN 61076-2-114 (M8)
Cable identification630Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material vire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulation1,25 shore DIngredient freeness wire insulation10 ± 5 Shore DIngredient freeness wire insulation1,25 shore DIngredient freeness wire insulation10 ± 5 Shore D		
Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-free	•	630
Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationIead-free, CFC-free, halogen-free, silicone-free		
Type of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation70 ± 5 Shore DIngredient freeness wire insulationRe 5 %		
Amount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cAFC-free, halogen-free, silicone-free		
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Cable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-free	-	
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Shore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Material jacket	PUR
Outer-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Shore hardness jacket	90 ± 5 Shore A
Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PP         Amount wires       3         Outer diameter insulation       1,25 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       70 ± 5 Shore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation     PP       Amount wires     3       Outer diameter insulation     1,25 mm       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     70 ± 5 Shore D       Ingredient freeness wire insulation     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Outer-diameter (jacket)	4,1 mm
Amount wires       3         Outer diameter insulation       1,25 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       70 ± 5 Shore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation       1,25 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       70 ± 5 Shore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Material wire insulation	PP
Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       70 ± 5 Shore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Amount wires	3
Shore hardness wire insulation     70 ± 5 Shore D       Ingredient freeness wire insulation     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Outer diameter insulation	1,25 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Outer diameter tolerance core insulation	± 5 %
	Shore hardness wire insulation	70 ± 5 Shore D
Amount strands (wire) 32	Ingredient freeness wire insulation	
	Amount strands (wire)	32

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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)	10 m @ 25 °C   horizontal
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
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   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 torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m

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