

## M12 male 0° / M12 female 0° A-cod.

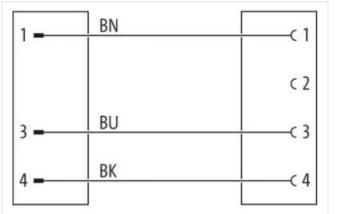
PVC 3x0.34 gy UL/CSA 3.5m

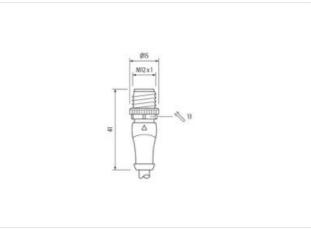
Male straight – female straight M12 – M12, 3-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further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

## Link to Product

Illustration

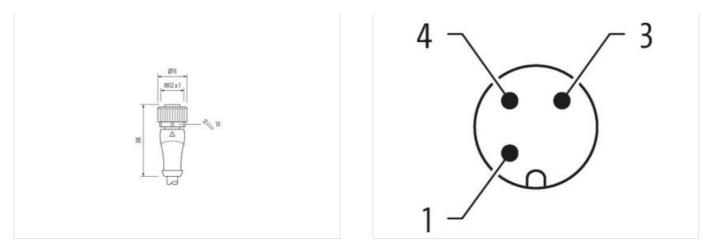






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19





Product may differ from Image



Cable length	3,5 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal $Ø$ )	10 mm
Coding	А
Material	PUR
No. of poles	3
Width across flats	SW13
Commercial data	
ECLASS-6.0	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
ETIM-5.0	EC001855
customs tariff number	85444290

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Packaging unit     1       Electrical data [Supply	GTIN	4048879186353
Operating voltage AC max.250 VOperating voltage AC (UL-listed)30 VOperating voltage AC (UL-listed)30 VOperating voltage AC (UL-listed)30 VInstitution (Connection4 AInstitution (ConnectionMaxim (Same and Same and	Packaging unit	1
Operating voltage AC max.250 VOperating voltage AC (UL-listed)30 VOperating voltage AC (UL-listed)30 VOperating voltage AC (UL-listed)30 VInstitution (Connection4 AInstitution (ConnectionMaxim (Same and Same and	Electrical data   Supply	
Operating voltage DC max.     250 Y       Operating voltage AC (UL-listed)     30 V       Current operating per contact max.     4 A       Installation   Connection     Mil2 x 1       Device protection   Electrical     Addition and condition protection degree       Additional condition protection degree     inserted, screwed       Dolution Degree     3       Rated auge voltage     2.5 kV       Material group (ICE dol664-1)     1       Mechanical data   Material data     Mickel plated       Coating of fitting     nockel plated       Coating of fitting     nockel plated       Coating of fitting     inserted, screwed, Shaking protection       Material group (ICE dol664-1)     Inserted, screwed, Shaking protection       Coating of fitting     nockel plated       Coating of fitting     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     ST-G       Coperating ungregature max.     28 °G       Operating ungregature max.     28 °G       Coperating ungregature max.     28 °G       Coperating ungregature max.     28 °G       Coperating ungregature max.     28 °G <td></td> <td>250 V</td>		250 V
Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Correct operating contract max.     4 A       Installation   Connection     Mounting set       Mounting set     M12 x 1       Device protection   Electrical     A       Additional condition protection degree     inserted, screwed       Pollution Dugree     3       Reade surpe voltage     2.5 kV       Material group (EC 60664-1)     I       Mechanical data   Material data     Coating looking       Coating looking     Nickeled       Coating looking     Nickeled       Coating looking     Nickeled       Coating looking material     Zine de-casting       Material screw connection     Zine de-casting       Material screw connection     Zine de-casting       Material actor upperature min.     28 °C       Operating temperature min.     28 °C       Operating temper	1 0 0	
Operating por optication por contact max.     4 A       Installation formencion     Mounting set     M12 x 1       Device protection   Electrical     Mounting set     Set Set Set Set Set Set Set Set Set Set		
Current operating per contact max.     4 A       Instillation   Connection       Mounting set     M12 x 1       Device protection   Electrical       Additional condition protection degree     3       Ratial surge voltage     2.5 kV       Material group (EC 6064-1)     1       Mechanical data   Material data     Coating locking       Coating locking of fitting     nickel plated       Locking material     Zinc die casting       Material group (EC 6064-1)     I       Mechanical data   Material data     Coating locking       Coating locking     nickel plated       Locking material     Zinc die casting       Material screw connection     Zinc die casting		
Installation   Connection     Mil2 x 1       Devicer protection   Electrical     Instance standing and condition production degree     Instance standing and condition production degree     3       Rated surge voltage     2,5 kV     Instance standing and condition production degree     3       Material group (160 condition production degree     2,5 kV     Instance standing and condition production degree       Material group (160 condition production degree     2,5 kV     Instance standing and condition production degree       Material group (160 condition degree     2,5 kV     Instance standing and condition production degree       Material group (160 condition degree     2,5 kV     Instandia degree       Coating of Iting     nickeled     Coating of Iting       Coating of Iting     nickeled     Coating of Iting       Material streew connection     Z inc dise-asting     Instance       Material group (160 condition degree     Jinc dise-asting     Instandition and condition temperature nance       Berlam Instantal characteristics   Climatic     Instance     S 10     Condition and condition temperature range     depending on cable quality       Impact Itin Installation notes     Attention: Observe the parmissible bonding radit when laying cables, as the IP protection class can be en		4 A
Device protection   Electrical       Addition condition protection degree     inserted. screwed       Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 6064-1)     1       Mechanical data   Material data     Voltage       Coating look (IEC 6064-1)     1       Mechanical data   Material atea     Voltage       Coating look (IEC 6064-1)     1       Mechanical data   Material atea     Voltage       Coating look (IEC 6064-1)     1       Mechanical data   Material screw connection     Zinc die-asting       Material screw connection mageria     Zinc die-asting       Material screw aterial condition temperature max.     25 °C       Operating temperature max.     25 °C       Addition temperature max.     45 °C       Addition temperature max.     45 °C       Note on stain field <t< td=""><td></td><td></td></t<>		
Additional condition protection degree inserted, screwed   Pollution Degree 3   Rated surge voltage 2,5 kV   Material group (EC 6064-1) 1   Mechanical data (Material data Coaling of Illing   Coaling of Illing nickela plated   Looking material Zinc die-casting   Material screw connection Zinc die-casting   Material screw connection Zinc die-casting   Material screw connection Zinc die-casting   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   Important installation notes Addingered by excessive bending forces.   Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ites.   Note on bending radius Atternation: Cossere the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.   Concruity Installation Cable   Wite arrangement brown, black, blue   Cable Type 1   Jacket Colr gray   Type of Certificate QIPus <td>Mounting set</td> <td>M12 x 1</td>	Mounting set	M12 x 1
Pollution Degree 3   Rated surge voltage 2.5 kV   Material surge voltage 2.5 kV   Material surge voltage 2.5 kV   Material surge voltage 1   Mechanical data   Material data Coaling of Itting   Coaling of Itting mickel plated   Locking material Zinc die-casting   Material soriew connection Zinc die-casting   Mechanical data   Mounting data Inserted, screwed, Shaking protection   Environmental characteristics   Climatic Operating temperature max.   Operating temperature max. 85 °C   Additional condition temperature max. 85 °C   Additional condition temperature max. 86 °C   Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.   Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be and agreed by occasible bending radii when laying cables, as the IP protection class can be and agreed by occasible bending radii when laying cables, as the IP protection class can be and agreed by occasible bending forces.   Conomity Installation I Cable   wite arrangement brown, black, blue   Cable Type 1   Cable Type 1   Cable Gorf gray   Type of Centificate cURus	Device protection   Electrical	
Pollution Degree 3   Rated surge voltage 2.5 kV   Material surge voltage 2.5 kV   Material surge voltage 2.5 kV   Material surge voltage 1   Mechanical data   Material data Coaling of Itting   Coaling of Itting mickel plated   Locking material Zinc die-casting   Material soriew connection Zinc die-casting   Mechanical data   Mounting data Inserted, screwed, Shaking protection   Environmental characteristics   Climatic Operating temperature max.   Operating temperature max. 85 °C   Additional condition temperature max. 85 °C   Additional condition temperature max. 86 °C   Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.   Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be and agreed by occasible bending radii when laying cables, as the IP protection class can be and agreed by occasible bending radii when laying cables, as the IP protection class can be and agreed by occasible bending forces.   Conomity Installation I Cable   wite arrangement brown, black, blue   Cable Type 1   Cable Type 1   Cable Gorf gray   Type of Centificate cURus	Additional condition protection degree	inserted, screwed
Rated surge voltage     2,5 kV       Material group (IEC 60684-1)     I       Mechanical data   Material data     Vickeled       Coating locking     Nickeled       Coating locking material     Zinc de-casting       Material screw connection     Zinc die-casting       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 may     depending on cable quality       Importati installation notes     Note on strain relief       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Contormity     Vickeled       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Vickeled       wire arrangement     prown, black, blue       Cable Type     1       Jacket		-
Material group (IEC 60664-1)     I       Mechanical data   Material data        Coating of fiting     Nickel plated       Locking material     Zinc die casting       Material screw connection     Zinc die casting       Mechanical data   Mounting data        Mechanical data   Mounting data        Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic        Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional condition temperature max.     85 °C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files.       Note on strain relief     DIN EIN 61076-2-101 (M12)       Installion (Cable     UNE N 61076-2-101 (M12)       Instandig </td <td></td> <td>2.5 kV</td>		2.5 kV
Mechanical data   Material data       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mounting method     inserde, screwed, Shaking protection       Environmental characteristics   Climatic     Coerting temperature min.       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Note on stain rolifof     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain rolifof     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain rolifof     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain rolifof     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain rolifof     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain rolifof		
Coating locking     Nickeled       Coating of fiting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coparating temperature min.     -25 °C       Operating temperature max.     85 °C     Additional condition temperature max.     85 °C       Additional condition temperature max.     85 °C     Additional condition temperature max.     85 °C       Additional condition temperature max.     85 °C     Context screwed, Shaking protection science screwed, Shaking protection science sci		
Coating of fitting     nickle plated       Locking of fitting     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical date i Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.     -25 °C       Operating temperature min.     -25 °C     -25 °C       Additional condition temperature range     depending on cable quality       Important Installation notes     Si °C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on bending radius     Attention: Observe the permissible bending radi when laying cables, as the IP protection class can be ending radiu when laying cables, as the IP protection class can be ending radia when laying cables, as the IP protection class can be ending forces.       Conformity     Inserted by excessive bending forces.       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Sing       Wrie arrangement     brown, black, blue       Cable (enfification     213       Cable (Fype     1       Jacket Color     gray       Type of Certificate     URus       Amount		Nickeled
Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature min.     -25 °C       Operating temperature max.     85 °C     Additional condition temperature range     depending on cable quality       Important Installation notes     Motion screwed, Shubble measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on sending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Installation   Cable       wire arrangement     brown, black, blue       Cable identification     213       Cable identification     213       Cable identificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable weight     34,1 g/m       Material jacket     PVC       Shore hardness jacket     P		
Material screw connection     Zinc clie-casting       Mechanical data   Mounting data       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       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     wire arrangement     brown, black, blue       Cable frype     1     Jacket Color     gray       Type of Certificate     cURus     Jacket Sub		
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature may     depending on cable quality       Important installation notes     Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     View of the cument brown, black, blue       Cable Identification     213       Cable Identification     213       Cable Type     1       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable weigth     34,1 g/m       Material jacket     PVC	8	
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature may     depending on cable quality       Important installation notes     Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     View of the cument brown, black, blue       Cable Identification     213       Cable Identification     213       Cable Type     1       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable weigth     34,1 g/m       Material jacket     PVC	Mechanical data   Mounting data	
Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Protect standard       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     wire arrangement       brown, black, blue     Cable identification       Cable identification     213       Cable Identification     213       Cable Identificate     CUBus       Annount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable weigth     34.1 g/m       Material jacket     PVC       Shore hardness jacket     85 ± 5 Shore A       Freed		inserted, screwed, Shaking protection
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending torces.       Conformity     Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     wire arrangement     brown, black, blue       Cable identification     213     Cable identification       Jacket Color     gray     Type of Certificate     cURus       Amount stranding     1     Stranding     3 wires twisted       wire arrangement     brown, black, blue     Cable weigth     34,1 g/m       Material jackt     PVC     Stranding     1     Stranding       1     Stranding     1     Stranding     34,1 g/m       Material jackt     PVC     Shore A     Free Community-Free, CFC-free, silicone-free       Outer-diameter (jacket) <td>Environmental characteristics   Climatic</td> <td></td>	Environmental characteristics   Climatic	
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending torces.       Conformity     Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     wire arrangement     brown, black, blue       Cable identification     213     Cable identification       Jacket Color     gray     Type of Certificate     cURus       Amount stranding     1     Stranding     3 wires twisted       wire arrangement     brown, black, blue     Cable weigth     34,1 g/m       Material jackt     PVC     Stranding     1     Stranding       1     Stranding     1     Stranding     34,1 g/m       Material jackt     PVC     Shore A     Free Community-Free, CFC-free, silicone-free       Outer-diameter (jacket) <td>Operating temperature min</td> <td>-25 °C</td>	Operating temperature min	-25 °C
Additional condition temperature range   depending on cable quality     Important installation notes     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   Product standard     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   wire arrangement     Cable identification   213     Cable identification   213     Cable I Color   gray     Type Of Certificate   cURus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue     Cable wigth   34,1 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free     Outer-diameter (jacket)   4.6 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   3		
Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard       DIN EN 61076-2-101 (M12)     Installation   Cable       wrire arrangement     brown, black, blue       Cable identification     213       Cable identification     213       Cable I Type     1       Jacket Color     gray       Type of Certificate     cJIRus       Amount stranding     1       Stranding     3 wires twisted       wrie arrangement     brown, black, blue       Cable weigth     34,1 g/m       Material jacket     PVC       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     4,6 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Amount wires     3		
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Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     wire arrangement     brown, black, blue       Cable identification     213     Cable       Cable Color     gray     Type of Certificate     cURus       Amount stranding     1     Stranding     3 wires twisted       Wire arrangement     brown, black, blue     Cable identification     213       Cable identificate     cURus     Addition     Curue     Curue       Amount stranding     1     Stranding     3 wires twisted     Stranding     <	•	
Induct of behaviory factors   endangered by excessive bending forces.     Conformity   Installation   Cable     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   brown, black, blue     Cable identification   213     Cable I Type   1     Jacket Color   gray     Type of Certificate   cURus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue     Cable weigth   34,1 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cArbuir-free, CFC-free, silicone-free     Outer-diameter (jacket)   4,6 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   3	Note on strain relief	,
Product standardDIN EN 61076-2-101 (M12)Installation   Cablewire arrangementbrown, black, blueCable identification213Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable vieweigth34,1 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3	Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Installation   Cablewire arrangementbrown, black, blueCable identification213Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth34,1 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3	Conformity	
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Cable identification213Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth34,1 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3	Installation   Cable	
Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth34,1 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3	wire arrangement	brown, black, blue
Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth34,1 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3	Cable identification	213
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Amount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth34,1 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3	Jacket Color	gray
Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth34,1 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3	Type of Certificate	cURus
wire arrangement   brown, black, blue     Cable weigth   34,1 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free     Outer-diameter (jacket)   4,6 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   3	Amount stranding	1
Cable weigth34,1 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3	Stranding	3 wires twisted
Material jacket PVC   Shore hardness jacket 85 ± 5 Shore A   Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free   Outer-diameter (jacket) 4,6 mm   Tolerance outer diameter (sheath) ± 5 %   Material wire insulation PVC   Amount wires 3	wire arrangement	brown, black, blue
Shore hardness jacket 85 ± 5 Shore A   Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free   Outer-diameter (jacket) 4,6 mm   Tolerance outer diameter (sheath) ± 5 %   Material wire insulation PVC   Amount wires 3	Cable weigth	34,1 g/m
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free   Outer-diameter (jacket) 4,6 mm   Tolerance outer diameter (sheath) ± 5 %   Material wire insulation PVC   Amount wires 3	Material jacket	PVC
Outer-diameter (jacket) 4,6 mm   Tolerance outer diameter (sheath) ± 5 %   Material wire insulation PVC   Amount wires 3	Shore hardness jacket	85 ± 5 Shore A
Tolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material wire insulation PVC   Amount wires 3		
Amount wires 3		
Outer diameter insulation 1.25 mm		
	Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation ± 5 %	Outer diameter tolerance core insulation	± 5 %

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Shore hardness wire insulation	45 ± 5 Shore D	
Material properties wire insulation	good machinability	
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free	
Amount strands (wire)	19	
Diameter of single wires	0,15 mm	
Conductor crosssection (wire)	0,34 mm <sup>2</sup>	
Material conductor wire	Stranded copper wire, bare	
Conductor type (wire)	Strand class 5	
Nominal voltage AC max.	300 V	
Current load capacity (standard)	to DIN VDE 0298-4	
Current load capacity min. wire	6 A	
Electrical resistance line constant wire	57 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)	0° 08	
Operating temperature min. (dynamic)	-5 ℃	
Operating temperature max. (dynamic)	0° 08	
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	Good, application-related testing   DIN EN 60811-404	
Bending radius (fixed)	5 x Outer diameter	
Bending radius (dynamic)	10 x Outer diameter	

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