

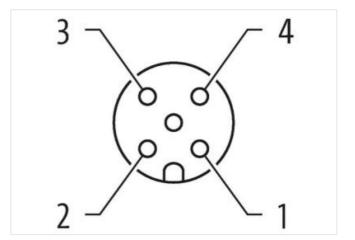
M12 male 0° / M12 female 90° A-cod.

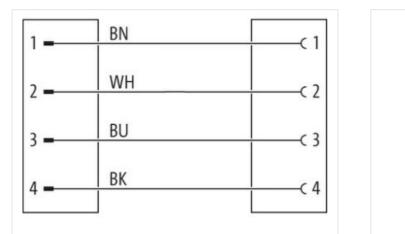
PVC 4x0.34 bk UL/CSA 7.5m

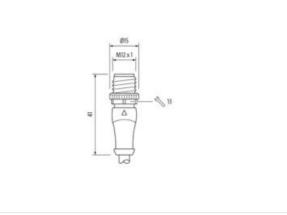
Male straight – female 90° M12 – M12, 4-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product





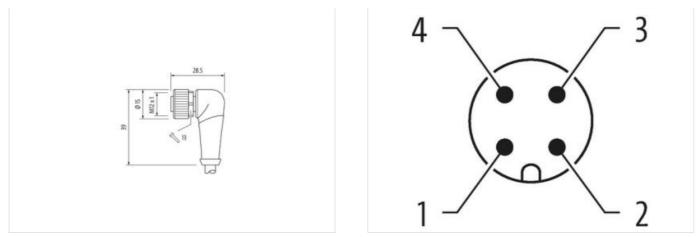




The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19

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Product may differ from Image



Cable length	7,5 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
Material	PUR
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
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
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
GTIN	4048879326582
Packaging unit	1
Electrical data   Supply	

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Operating voltage DC max.     280 V       Operating voltage AC (ILI-letted)     30 V       Current operating per contact max.     4 A       Installation   Connection     Installation   Connection       Operating voltage AC (ILI-letted)     30 V       Current operating per contact max.     4 A       Installation   Connection     Installation   Connection       Operating voltage AC (ILI-letted)     Installation   Connection   Electrical       Additional protection of degree     inserted, screwed       Pollution Degree     3       Material group (IEC 60664+1)     1       Mechanical data   Material data     Coating of fitting       Coating of fitting     nickel plated       Coating of fitting     nickel plated       Coating of fitting     Zine die casting       Mechanical data   Mounting data     Sine die casting <t< th=""><th>Operating voltage AC max.</th><th>250 V</th></t<>	Operating voltage AC max.	250 V
Operating vortage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Isstallation   Connection     Mouring set     M12 x 1       Device protection   Electrical     Mouring set     M12 x 1       Additional condition protection degree     inserted, screwed     Pollution Degree     3       Material group (EC 60664-1)     1     Inserted, screwed     Pollution Degree     3       Coating of thing     nickel plated     Coating of thing     Coating of thi	Operating voltage DC max.	250 V
Current operating per contact max.     4 A       Installation   Connection     Mouning set     M12 x 1       Device protection   Electrical     Electrical     Mouning set     M12 x 1       Device protection   Electrical     Electrical     Mouning set     M12 x 1       Additional condition protection degree     inserted, screwed     Pollution Degree     3       Additional condition protection degree     inserted, screwed     Pollution Degree     3       Coating of titing     Nickeled     Coating of titing     Nickeled       Coating of titing     Nickeled     Coating of titing     Nickeled       Locking material     Zinc die casting     Mechanical data   Mounting data     Mounting method     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature mn.     -25 °C     -Coperating temperature mn.     -25 °C       Operating temperature mn.     -25 °C     -Coperating temperature mn.     -25 °C       Operating temperature max.     Attention: Observe the permisable bending radii when laying cables, as the IP protection class can be endangered by accessive bending forces.       Colorentiy     Une Set of Set-101 (M12)     Inselfed attention:	Operating voltage AC (UL-listed)	30 V
Current operating per contact max.     4 A       Installation   Connection     Mouning set     M12 x 1       Device protection   Electrical     Electrical     Mouning set     M12 x 1       Device protection   Electrical     Electrical     Mouning set     M12 x 1       Additional condition protection degree     inserted, screwed     Pollution Degree     3       Additional condition protection degree     inserted, screwed     Pollution Degree     3       Coating of titing     Nickeled     Coating of titing     Nickeled       Coating of titing     Nickeled     Coating of titing     Nickeled       Locking material     Zinc die casting     Mechanical data   Mounting data     Mounting method     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature mn.     -25 °C     -Coperating temperature mn.     -25 °C       Operating temperature mn.     -25 °C     -Coperating temperature mn.     -25 °C       Operating temperature max.     Attention: Observe the permisable bending radii when laying cables, as the IP protection class can be endangered by accessive bending forces.       Colorentiy     Une Set of Set-101 (M12)     Inselfed attention:		30 V
Mounting set     M12 x 1       Device protection [Electrical       Additional condition protection degree     inserted, screwed       Dubuton Degree     3       Material group (EC 60664-1)     I       Dechanical data [Material data     incider jata (Material data)       Mechanical data [Material data     Incider jata (Material data)       Operating incider jata (Material data)     Incider jata (Material data)       Material screw connection     Zinc die-casting       Material screw connection     Inserted, screwed, Shaking protection       Environmental characteristics (Climatu)     Inserted, screwed, Shaking protection       Mounting metho     Gesprading on cable quality       Operating temperature min.     -25 * C       Operating temperature man.     -25 * C       Additional condition temperature arrage     depending on cable quality       Important installation networks arrage depending on cable quality     Mechanical loads, e.g. by the usage of cable ties.       Volume the stain field     Protect the connectors by sutable measures from mechanical loads, e.g. by the usage of cable ties.       Description field     Divent the connectors by sutable measures from mechanical loads, e.g. by the usage of cable ties.       Detau et al andrafie <td></td> <td>4 A</td>		4 A
Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pallution Degree     3       Material group (ES 6064-1)     1       Mechanical data   Material data     Includice 2000000000000000000000000000000000000	Installation   Connection	
Device protection   Electrical       Addition condition protection degree     inserted, screwed       Pollution Degree     3       Material argoung (ES 6064-1)     1       Mechanical data   Material data     Includice 200641       Coating of fitting     nickel plated       Coating of fitting     2nc die-casting       Material screw connection     Znc die-casting       Material screw connection     Inserted, screwed, Shaking protection <b>Environmential characteristics   Climatic</b> Inserted, screwed, Shaking protection       Material screw connection temperature main.     25 °C       Operating temperature main.     25 °C       Devot the onstractic by scatable measures from mechanical cloads, e.g. by the usage of cable tit	•	M12 x 1
Additional condition protection degree     isserted, screwed       Pollution Degree     3       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating locking       Coating locking     Nickeled       Coating locking     Nickeled       Coating locking     Nickeled       Locking material     Zine die-casting       Material screw connection     Zine die-casting       Material screw connection     Zine die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatte     Volcelee       Operating temperature min.     -25 °C       Operating temperature max     85 °C       Additional condition temperature range     depending on cable quality       Importal 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.       Contornity     Note screw the permissible bending radii when laying cables, as the IP protection class can be ondangered by excessive bending forces.       Cole chalf cabin     Din EN 1076-2-101 (M12)       Instalation ( Cable     UP work, black, blue, white		
Pollution Degree     3       Material group (IEC 60664-1)     1       Mechanical data [Material data     Coating of Iting     Nickeled       Coating of Iting     nickel plated     Locking material     Zinc die-casting       Material screw connection     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.     -25 °C     Operating temperature max.     85 °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.       Attention: Costerve the permissible bending radii when laying cables, as the IP protection class can be ending forces.     Contomity       Product standard     DIN EN 61076-2-101 (M12)     Imagered by excessive during forces.       Cable othertification     614     Cable radii radi r	•	insected personed
Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating of fiting     Nickeled       Coating of fiting     nickel plated     Iocking material     Zinc die-casting       Material screw connection     Zinc die-casting     Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Iosereed, Shaking protection     Environmental characteristics   Climatic       Environmental characteristics   Climatic     Commental characteristics   Climatic     Commental characteristics   Climatic       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       Additional condition temperature max.     85 °C     Commental characteristics   Climatic     Environmental characteristics   Climatic       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, es the IP protection class can be ending radii when laying cables, as the IP protection class can be ending radii when laying cables, as the IP protection class can be ending radii when laying cables, as the IP protection class can be ending radii when laying cables, as the IP protection class can be ending radii		·
Mechanical data   Material data       Coaling locking     Nickeled       Coaling of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Cooling temperature min.       Operating temperature min.     -25 °C       Operating temperature min.     -25 °C       Operating temperature min.     -25 °C       Operating temperature man.     85 °C       Additional condition temperature range     depending on cable quality       Important 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.       Note on strain relief     Protect the connectors by suitable measures the mechanical loads, e.g., by the usage of cable ties.       Note on strain relief     DIN EN 61076-2-101 (M12)       Installation   Cable     Since   S		5 
Coating locking     Nickeled       Coating of fitting     nickel plated       Coating of fitting     nickel plated       Locking material     Zino clie-casting       Material screw connection     Zino clie-casting       Mechanical data [Mounting data     inserted, screwed, Shaking protection       Environmental characteristics [ Climatic     Comparing 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       Note on strain relief     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.       Material gradu     DIN En 61076-2101 (M12)       Installation   Cable     UNEN 61076-2101 (M12)       Installation   Cable     Eown, black, blue, white       Cable (Additification     E14       Cable (Additification     E14       Cable (Additification     E14       Cable (Additification     E14		
Coaling of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-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     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.       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     Installation class       Value standard     DIN EN 61076-2-101 (M12)       Installation [ Cable     Installation [ Cable]       wire arrangement     brown, black, blue, while       Cable identification     614       Cable identification     614       Cable identification     1       Jacket Colon     black       Type of Certificate     cURus	Mechanical data   Material data	
Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Compariting temperature main.     25 °C       Operating temperature max.     85 °C     Additional condition temperature max.     85 °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.       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Contornity     Installation I Cable       wire arrangement     brown, black, blue, white       Cable Type     1       Jacket Color     black       Type of Certificate     URus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable Type     1       Jacket Color     black       Type of Certificate     CURus       Amount stranding		
Material screw connection     Zinc die-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       Important installation notes     Mouting radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending radiu when laying cables, as the IP protection class can be ending radiu when laying cables, as the IP protection class can be ending fraction       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Urown, black, blue, white       Cable fortification     614       Cable Type     1       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable Type     1       Stack Color     black       Type of Certificate     cURus       Amount stranding <td></td> <td></td>		
Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature min.     -25 °C       Operating temperature max.     85 °C     Additional condition temperature may.     85 °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     Protect standard     DIN EN 61076-2-101 (M12)       Installation   Cable     strony, black, blue, white     Cable identification       Cable identification     614     Cable identification     614       Cable identification     614     Cable identification     1       Stranding     1     Stranding     1       Stranding     1     Stranding     1       Wire arrangement     brown, black, blue, white     Cable identification     1       Gable weigh     40.7 g/m     Maunit indent,		
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Comparing temperature min.     -25 °C       Operating temperature max.     85 °C     Additional condition temperature may.     85 °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.       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, white       Cable identification     614       Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weighth     40.7 g/m       Material jacket     PVC       Stranding     4 sires twisted       Wire arrangement     brown, black, blue, white	Material screw connection	Zinc die-casting
Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     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.       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangared by excessive bending forces.       Conformity       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     uire arrangement       wire arrangement     brown, black, blue, white       Cable identification     614       Cable Identificate     cURus       Amount stranding     1       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weigth     40,7 g/m       Material jacket     PVC       Shore hardness jacket     85 ± 5 Shore A	Mechanical data   Mounting data	
Operating temperature min.     -25 °C       Operating temperature max.     85 °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.       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, white       Cable identification     614       Cable IZ     black       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weigth     40,7 g/m       Material jacket     PVC       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free	Mounting method	inserted, screwed, Shaking protection
Coperating temperature max.     85 °C       Additional condition temperature maye     depending on cable quality       Important installation notes     Xet environment of 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 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       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     wire arrangement       wire arrangement     brown, black, blue, white       Cable Itype     1       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weigth     40,7 g/m       Material jacket     PVC       Shore hardness jacket     85 ± 5 Shore A	Environmental characteristics   Climatic	
Additional condition temperature range     depending on cable quality       Important installation notes     Additional condition temperature range     depending on cable quality       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, white       Cable identification     614     Cable identification       Cable Type     1     Jacket Color     black       Type of Certificate     cJRus     Amount stranding     1       Stranding     4 wires twisted     wire arrangement     brown, black, blue, white       Cable weigth     40,7 g/m     Material jacket     PVC       Shore hardness jacket     85 ± 5 Shore A     Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free	Operating temperature min.	-25 °C
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     Endangered by excessive bending forces.       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Endangered by excessive bending forces.       wire arrangement     brown, black, blue, white       Cable identification     614       Cable Type     1       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weigth     40,7 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)     5 mm	Operating temperature max.	85 °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 endangered by excessive bending forces.       Conformity     Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     wire arrangement     brown, black, blue, white       Cable identification     614       Cable Identification     614       Cable Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weigth     40,7 g/m       Moten stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weigth     40,7 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)     5 mm	Additional condition temperature range	depending on cable quality
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, white       Cable identification     614     Cable identification       Cable identification     black     CuRus       Amount stranding     1     Stranding       Stranding     4 wires twisted     wire arrangement       Voc     Stranding     40,7 g/m       Material jacket     PVC     Store A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     5 mm	Important installation notes	
Note on bending radius     endangered by excessive bending forces.       Conformity       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable        wire arrangement     brown, black, blue, white       Cable identification     614       Cable Identification     black       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires twisted       wire arrangement     brown, black, blue, white       Cable weigth     40,7 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)     5 mm	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standardDIN EN 61076-2-101 (M12)Installation   Cablewire arrangementbrown, black, blue, whiteCable identification614Cable Type1Jacket ColorblackType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth40,7 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)Ead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5 mm	Note on bending radius	
Installation   Cablewire arrangementbrown, black, blue, whiteCable identification614Cable Type1Jacket ColorblackType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth40,7 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)1 kerd-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5 mm	Conformity	
wire arrangementbrown, black, blue, whiteCable identification614Cable Type1Jacket ColorblackType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth40,7 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5 mm	Product standard	DIN EN 61076-2-101 (M12)
Cable identification614Cable Type1Jacket ColorblackType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth40,7 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5 mm	Installation   Cable	
Cable Type1Jacket ColorblackType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth40,7 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5 mm	wire arrangement	brown, black, blue, white
Jacket ColorblackType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth40,7 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5 mm	Cable identification	614
Type of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth40,7 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5 mm	Cable Type	1
Amount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth40,7 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5 mm	Jacket Color	black
Stranding 4 wires twisted   wire arrangement brown, black, blue, white   Cable weigth 40,7 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) 5 mm	Type of Certificate	cURus
wire arrangement brown, black, blue, white   Cable weigth 40,7 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) 5 mm	Amount stranding	1
Cable weigth 40,7 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) 5 mm	Stranding	4 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) 5 mm	wire arrangement	brown, black, blue, white
Shore hardness jacket 85 ± 5 Shore A   Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free   Outer-diameter (jacket) 5 mm	Cable weigth	40,7 g/m
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free   Outer-diameter (jacket) 5 mm	Material jacket	PVC
Outer-diameter (jacket) 5 mm	Shore hardness jacket	85 ± 5 Shore A
	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Tolerance outer diameter (sheath) ± 5 %		
Material wire insulation PVC		
Amount wires 4		
Outer diameter insulation 1,25 mm		
Outer diameter tolerance core insulation ± 5 %		
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		leag-tree, cagmium-tree, GEG-tree, silicone-tree
Amount strands (wire) 19		19

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Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 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)	2° 08
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 § 1090   UL 1581 § 1100 FT2
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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter

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