

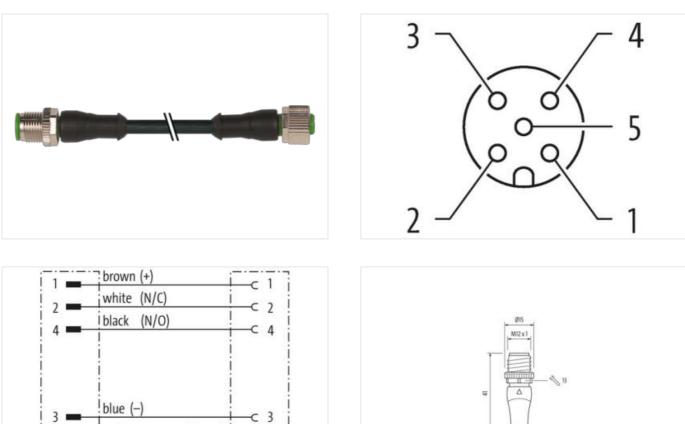
## M12 male 0° / M12 female 0° A-cod.

PVC 5x0.34 bk UL/CSA 35m

Male straight - female straight M12 - M12, 5-pole A-coded 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



(\* for cable type 126, 732, 219, 619)

(\* gray)

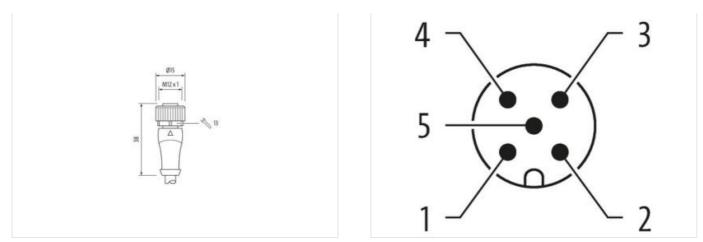
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The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-26





Product may differ from Image



Cable length	35 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
Cable outlet	straight
Coding	A
Material	PUR
No. of poles	5
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
Cable outlet	straight
Coding	A
Material	PUR
No. of poles	5
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

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STIN 4048279181785   Packaging unit 1   Electrical distal Supply 2   Operating voltage AC max. 125 V   Operating voltage AC (LL issed) 30 V   Operating voltage AC (LL issed) 30 V   Standard CC (LL issed) 30 V   Device protection FL Electrical 2   Device protection (EN EC 60529) 1956.1967, 1956K   Modificial Corolling on protection degree 1,5 kV   Valaterial group (EC 60621) 1   Conting on protection degree 3   Valaterial group (EC 60641) 1   Machanical Gat (Material data) 2/to discasting   Coaling of Riting Nickeleed   Coaling of Riting method inserted.screwed.Shaking protection   Environmental characteristics (Clamatic Zino discrewed.Shaking protection	ETIM-5.0	EC001855
Packaging unit     I       Electrical data   Supply     J       Sparating voltage AC max.     125 V       Operating voltage AC (UL-listed)     30 V       Statilization   Connection     V       Statilization   Connection     M12 x 1       Device protection   Electrical     Installation   Connection relater max.       Pagree of protection (EN EC 60529)     IP65, IP67, IP66K       Additional condition protection degree     Installation   Confeed max       Patter protection (EC 60664-1)     I       Mechanical data   Material data     Zone decasting       Stating supprotection     Ince decasting       Material scrue voltage     Ince decasting       Material for Voltage the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fele.       Parating Imperature min.     -25 °C </td <td>customs tariff number</td> <td>85444290</td>	customs tariff number	85444290
Electical data   Supply     125 V       Operating voltage AC max.     125 V       Operating voltage DC max.     125 V       Operating voltage AC (UL, listed)     30 V       Operating voltage AC (UL, listed)     30 V       Derating voltage AC (UL, listed)     10       Macharical dia [ Motinal data     10       Derating listed Jated     10       Macharical dia [ Motinal data     10       Derating listed Jated     10       Macharical dia [ Mounting data     10       Macharical dia [ Mounting data     10       Ma	GTIN	4048879181785
Depresing voltage AC max.     125 V       Operating voltage AC ULL-listed)     30 V       Device protection Flectries     V       Sprate protection (FINEC 6056.1)     V       Device protection (FINEC 6056.1)     1       Device protection (FINEC 6056.1)     1       Maildianal condition protection degree     inserted, serewed       Additional condition protection degree     1.5 K/V       Material group (IEC 6056.1)     1       Mechanical data [Material data     Zonding ocinig       Standa Surgo voltage     1.5 K/V       Material group (IEC 6056.1)     1       Mechanical data [Material data     Zonding ocinig       Standard Surgo voltage     1.5 K/V       Material serse voltage     inserted, serseed, Staking protection       Zonding Ording     Nickeled       Standard State voltage     inserted, serseed, Staking protection       Every connection     Zon Coice casting       Mechanical data [Mounting data     inserted, serseed, Staking protection	Packaging unit	1
Depresing voltage AC max.     125 V       Operating voltage AC ULL-listed)     30 V       Device protection Flectries     V       Sprate protection (FINEC 6056.1)     V       Device protection (FINEC 6056.1)     1       Device protection (FINEC 6056.1)     1       Maildianal condition protection degree     inserted, serewed       Additional condition protection degree     1.5 K/V       Material group (IEC 6056.1)     1       Mechanical data [Material data     Zonding ocinig       Standa Surgo voltage     1.5 K/V       Material group (IEC 6056.1)     1       Mechanical data [Material data     Zonding ocinig       Standard Surgo voltage     1.5 K/V       Material serse voltage     inserted, serseed, Staking protection       Zonding Ording     Nickeled       Standard State voltage     inserted, serseed, Staking protection       Every connection     Zon Coice casting       Mechanical data [Mounting data     inserted, serseed, Staking protection	Electrical data   Supply	
Operating voltage PC (ILI-listed)     30 V       Operating voltage AC (ILI-listed)     4 A       Installation   Connection     M12 x 1       Device protection   Electrical     Person   Perso	Operating voltage AC max.	125 V
Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Installation   Connection     Installation   Connection       Wouring soft     M12 x 1       Device protection [Electrical     Device protection [Electrical       Device protection (EN IEC 6059)     IP65, IP67, IP66K       Material acondition protection degree     insented, screwed       Polution Degree     3       Tasked surge voltage     1, SkV       Material group (IEC 60664-1)     I       Mochanical data   Material data     Zonc die-casting       Zoating obriting     nickel plated       Zoating of Hiting     nickel plated       Zone die-casting     Muterial screwed, Shaking protection       Environmental characteristics   Climatic     Comparing temporating tempora		125 V
Operating voltage DC (UL-listed)     90 Y       Jurrent operating per contant max.     4 A       Installation [Connection     Maximum       Wearning set     M12 x 1       Device protection [Electrical     Person protection [Electrical       Degree of protection [Electrical     98, 196, 196, 196, 196, 196, 196, 196, 196	Operating voltage AC (UL-listed)	30 V
Instaliation Connection     M12 x 1       Device protection   Electrical     Electrical       Device of protection   Electrical     Electrical       Mounting methon     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Inserted, screwed, Shaking protection       Electrical   Mounting data     Streed, screwed, Shaking protection       Electrical Installation notes     Stre C       Diversitin relid   Mountin	Operating voltage DC (UL-listed)	30 V
Number     M12 x 1       Device protection [Electrical     Event of protection [Electrical       Degree of protection (EN IEC 60529)     IP65, IP67, IP66K       Additional condition protection degree     ISFN       Watchinal condition protection degree     ISFN       Material group (EC 60684-1)     I       Material group (EC 60684-1)     I       Material data     Zinc de-casting       Material acrew connection     Zinc de-casting       Material acrew connection     Zinc de-casting       Material acrew connection     Zinc de-casting       Muthing method     Inserted, screwed, Shaking protection       Environmental characteristics [ Climatu     Inserted, screwed, Shaking protection       Environmental characteristics [ Climatu     Inserted, screwed, Shaking protection       Environmental characteristics [ Climatu     Sin C       Additional condition temperature range     Generature max.       Also C     Sin C       Additional condition temperature range     Inserted, screwed, Shaking protection       Important Installation notes     Sin C       Valido and condition temperature range     Generature range       Anotachananotes     Sin C	Current operating per contact max.	4 A
Device protection   Electrical       Degree of protection (EN IEC 60529)     IP65, IP67, IP66K       Additional condition protection degree     inserted, screwed       Pollukan Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 6064-1)     I       Mechanical data   Material data     Control       Coating locking     Nickeled       Coating of fitting     nickele plated       Coating of fitting     nickele plated       Coating in the group (IEC 60664-1)     In die-casting       Material screw connection     Zine die-casting       Material screw connection     Zine die-casting       Mechanical data   Mounting data     Vecuniting method       Mechanical interfections / Commention     25 °C       Operating temperature min.     25 °C       Operating temperature max     85 °C       Additional condition temperature range     depending on cable quality       Important intallation notes     Vector the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files.       Attention: Observe the permissible bending tracis.     Sc.g. by the scale of cable files.       Attention: Observe the permissible bending tracis.	Installation   Connection	
Degree of protection (EN IEC 60529)     IP65, IP67, IP66K       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rade surge voltage     1, 5. KV       Waterial group (IEC 60664-1)     I       Mechanical data   Material data     Coating of third       Coating of third     nickel plated       Coating of third     nickel plated       Coating of third     inserted, screwed, Shaking protection       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Munting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Inserted, screwed, Shaking protection       Dyparating temperature min.     -25 °C       Opparating temperature max.     85 °C       Additional condition networature range     depending on cable quality       Important Installation notes     Vectes the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radus     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending to the scessive bending forces.       Contornity     Vecte the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. <td>Mounting set</td> <td>M12 x 1</td>	Mounting set	M12 x 1
Degree of protection (EN IEC 60529)     IP65, IP67, IP66K       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rade surge voltage     1, 5. KV       Waterial group (IEC 60664-1)     I       Mechanical data   Material data     Coating of third       Coating of third     nickel plated       Coating of third     nickel plated       Coating of third     inserted, screwed, Shaking protection       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Munting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Inserted, screwed, Shaking protection       Dyparating temperature min.     -25 °C       Opparating temperature max.     85 °C       Additional condition networature range     depending on cable quality       Important Installation notes     Vectes the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radus     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending to the scessive bending forces.       Contornity     Vecte the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. <td>Device protection   Electrical</td> <td></td>	Device protection   Electrical	
Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rade surge voltage     1,5 kV       Material group IECE 60664-1)     1       Mechanical data   Material data     Scaling inciking       Oading inciking     Nickeled       Coading of fitting     nickel plated       Coading anterial     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Screwed, Shaking protection       Dyperating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Screwed screwed installed protection class can be endangered by excessive bending forces.       Conformity     Screwent be permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Color Trype     DIN EN 61076-2-101 (M12)       Installation (Cable     Sine aroon Core filler twisted       Vire arrangement     brown, black, blue, white, green -yellow       Cable forpification     615       Cable forpification	· · · ·	IP65 IP67 IP66K
Poliulion Degree 3   Rated surge voltage 1,5 kV   Waterial group (IEC 60664-1) I   Mechanical data [Material data I   Doating locking Nickeled   Doating of fitting nickel plated   Locking material Zinc die-casting   Material screw connection Zinc die-casting   Mechanical data   Mounting data Inc die-casting   Mounting method inserted, screwed, Shaking protection   Environmental characteristics   Climatic Departing temperature min.   -25 °C Operating temperature min.   -25 °C Operating temperature main.   Operating temperature main. -25 °C   Operating temperature main. -65 °C   Additional condition temperature range depending on cable quality   Important installation notes Meteritor: Observe the permissible bending radii when laying cables, e.g. by the usage of cable ties.   Vole on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.   Vole on strain relief DIN EN 61076-2-101 (M12)   Installation   Cable Installation   Cable   wire arrangement brown, black, blue, white, green-yellow   Cable identification 615   Cable Type 1   Cable identification	<b>e</b> 1 ( )	
Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   Sociality of fitting     Sociality of fitting   nickel plated     Joaching material   Zinc die-casting     Material screw connection   Zinc die-casting     Mounting method   inserted, screwed, Shaking protection     Deparating 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.     Nole on bending		
Material group (IEC 60664-1)     I       Mechanical data   Material data     Joint (International data   Material data)       Coating of fitting     nickel plated       Cocking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature max.       25 °C     Operating temperature max.       85 °C     Additional condition temperature max.       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 the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. </td <td>Rated surge voltage</td> <td></td>	Rated surge voltage	
Decking     Nickeled       Coating of fitting     nickel plated       Coating of fitting     nickel plated       Coating anterial     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     5° C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Important installation notes       Vote on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     DIN EN 61076-2-101 (M12)       Installation   Cable     UN       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     UP us       Color     UP us       Amount stranding     1       Iacket Color     black       Vippe - 1     Continuate       S wires around Core filler twis	Material group (IEC 60664-1)	 
Decking     Nickeled       Coating of fitting     nickel plated       Coating of fitting     nickel plated       Coating anterial     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     5° C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Important installation notes       Vote on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     DIN EN 61076-2-101 (M12)       Installation   Cable     UN       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     UP us       Color     UP us       Amount stranding     1       Iacket Color     black       Vippe - 1     Continuate       S wires around Core filler twis		
Doating of fitting     nickel plated       Jocking material     Zinc die-casting       Waterial screw connection     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Depreting temperature min.       -25 °C     Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Vole on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable iters.       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       Stable identification     615     Cable identification       Cable Type     1     Cable identification       Cable Type     1     Cable identification       Cable identification     615     Cable identification       Cable Type     1     Cable identification       Cable identification     615     Cable identification       Cable identification     615 <td< td=""><td>•</td><td>Nickeled</td></td<>	•	Nickeled
Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Deparating temperature min.     -25 °C       Opperating temperature max.     85 °C	<b>3</b>	
Naterial screw connection     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     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       Vote on stain 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.       Contormity     Product standard       DiN EN 61076-2-101 (M12)     Installation   Cable       wire arrangement     brown, black, blue, white, green-yellow       Cable identification     615       Cable identification     615       Cable identification     1       Stranding     1       Stranding     1       Stranding     1       Stranding     1       Stranding     5 wires around Core filler twisted		
Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Environmental characteristics   Climatic       Deparating temperature min.     -25 °C       Deparating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Important installation notes       Vote 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 the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Free arrangement       Scolar Type     1       Lacket Color     Black       Type of Certificate     cURus       Anount stranding     1       Stranding     1       Stranding     5 wires around Core filler twisted       Filler     yes       wire arrangement     brown, black,	Material screw connection	
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     -25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     recent 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, white, green-yellow       Cable identification     615       Cable Type     1       Lacket Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     5 wires around Core filler twisted       Filler     yes       wire arrangement     brown, black, blue, white, green-yellow       Cable weight	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   Product standard     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   brown, black, blue, white, green-yellow     Cable identification   615     Cable Type   1     Jacket Color   black     Type of Certificate   cURus     Amount stranding   1     Stranding   5 wires around Core filler twisted     Filler   yes     wire arrangement   brown, black, blue, white, green-yellow     Cable weigh   48,4 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A  <		incorted screwed Shaking protection
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	-	
Derating 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.     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     brown, black, blue, white, green-yellow     Cable identification   615     Cable (dentificate   URus     Amount stranding   1     Stranding   5 wires around Core filler twisted     Filler   yes     wire arrangement   brown, black, blue, white, green-yellow     Cable weigth   48,4 g/m     Amount stranding   1     Stranding   5 wires around Core filler twisted     Filler   yes     wire arrangement   brown, black, blue, white, green-yellow     Cable weigth   48,4 g/m     Material jacket   PVC		
Additional condition temperature range     depending on cable quality       Important installation notes     Value 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     vire arrangement     brown, black, blue, white, green-yellow       Cable identification     615     Cable       Zable Identification     615     Cable       Amount stranding     1     Stranding     Stries around Core filler twisted       Filler     yes     Stries around Core filler twisted     Stranding       Cable weigth     48.4 g/m     Material jacket     PVC       Shore hardness jacket     85 ± 5 Shore A     Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free		
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     Endoted by excessive bending forces.       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Endoted by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Cable identification     DIN EN 61076-2-101 (M12)       Installation   Cable     Endoted by excessive bending forces.       Cable identification     615       Cable Identification     615       Cable Identificate     cURus       Amount stranding     1       Stranding     5 wires around Core filler twisted       Filler     yes       wire arrangement     brown, black, blue, white, green-yellow       Cable weigth     48,4 g/m       Material jacket     PVC       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free		
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     Endotes       wire arrangement     brown, black, blue, white, green-yellow       Cable identification     615       Cable ICOIr     black       Type of Certificate     cURus       Annount stranding     1       Stranding     5 wires around Core filler twisted       Filler     yes       wire arrangement     brown, black, blue, white, green-yellow       Cable weigth     48,4 g/m       Material jacket     PVC       Stranding     5 wires around Core filler twisted       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free		depending on cable quality
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, green-yellow       Cable identification     615       Cable identificate     cURus       Armount stranding     1       Stranding     5 wires around Core filler twisted       Filler     yes       wire arrangement     brown, black, blue, white, green-yellow       Cable identification     615       Cable identificate     cURus       Armount stranding     1       Stranding     5 wires around Core filler twisted       Filler     yes       Wire arrangement     brown, black, blue, white, green-yellow       Cable weigth     48,4 g/m       Material jacket     PVC       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free	Important installation notes	
wite off behaling radius   endangered by excessive bending forces.     Conformity     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable     wire arrangement   brown, black, blue, white, green-yellow     Cable identification   615     Cable identification   615     Cable Identificate   cURus     Arnount stranding   1     Stranding   5 wires around Core filler twisted     Filler   yes     wire arrangement   brown, black, blue, white, green-yellow     Cable weigth   48,4 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free	Note on strain relief	
Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable       wire arrangement     brown, black, blue, white, green-yellow       Cable identification     615       Cable Type     1       Jacket Color     black       Type of Certificate     cURus       Amount stranding     5 wires around Core filler twisted       Filler     yes       wire arrangement     brown, black, blue, white, green-yellow       Cable weigth     48.4 g/m       Material jacket     PVC       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free	Note on bending radius	
Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable       wire arrangement     brown, black, blue, white, green-yellow       Cable identification     615       Cable Type     1       Jacket Color     black       Type of Certificate     cURus       Amount stranding     5 wires around Core filler twisted       Filler     yes       wire arrangement     brown, black, blue, white, green-yellow       Cable weigth     48.4 g/m       Material jacket     PVC       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free	Conformity	
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Jacket Color   black     Type of Certificate   cURus     Amount stranding   1     Stranding   5 wires around Core filler twisted     Filler   yes     wire arrangement   brown, black, blue, white, green-yellow     Cable weigth   48,4 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free		
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Filler   yes     wire arrangement   brown, black, blue, white, green-yellow     Cable weigth   48,4 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free		
wire arrangement brown, black, blue, white, green-yellow   Cable weigth 48,4 g/m   Material jacket PVC   Shore hardness jacket 85 ± 5 Shore A   Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free	Filler	
Cable weigth 48,4 g/m   Material jacket PVC   Shore hardness jacket 85 ± 5 Shore A   Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free	wire arrangement	-
Material jacket PVC   Shore hardness jacket 85 ± 5 Shore A   Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free		
Shore hardness jacket 85 ± 5 Shore A   Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free		-
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free		
0000-000000000000000000000000000000000		5,2 mm



Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	5
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
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	4,5 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 °C
Operating temperature max. (dynamic)	0° 08
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter

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: 2024-06-26