

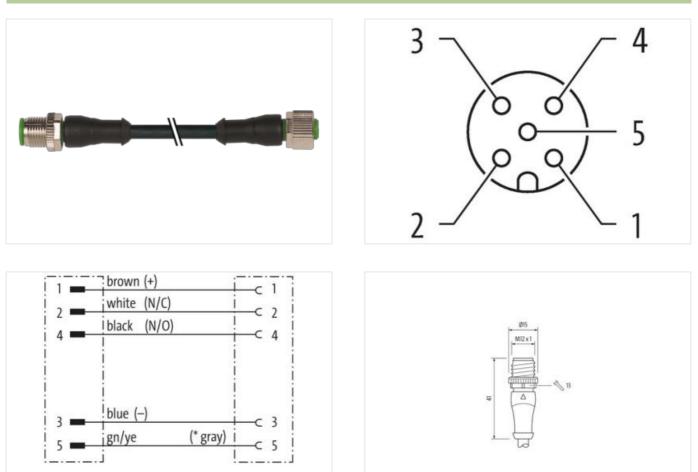
M12 male 0° / M12 female 0° A-cod.

PVC 5x0.34 bk UL/CSA 41m

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

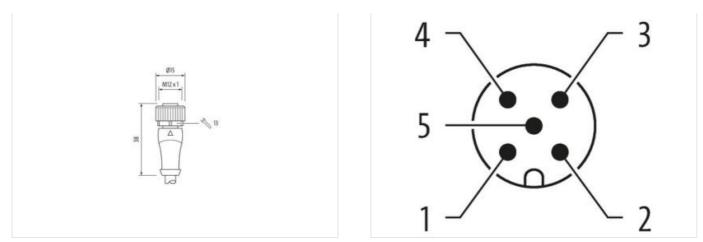
Illustration



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

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: 2024-06-23





Product may differ from Image



Cable length	41 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 \emptyset)	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

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: 2024-06-23



Operating voltage DC max. 125 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection M12 x 1 Device protection Electrical Device protection (Electrical Degree of protection (EN IEC 60582) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coaling locking Coaling locking Nickeled Coaling locking Nickeled Coaling locking data Zinc die-casing Mechanical data Mounting data Encerted, screwed, Shaking protection Environmental characteristics Climatic Coaling of titing Operating temperature min. 25 °C Operating temperature min. 25 °C Operating temperature max. 85 °C Operating temperature max. 85 °C Operating temperature min. 25 °C Operating temperature min. 25 °C Ope	ETIM-5.0	EC001855
Packaging unit 1 Electrical data [Suppi)	customs tariff number	85444290
Electric data Supply Operating voltage AC max. 125 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Control toparating voltage DC (UL-listed) 30 V Control toparating voltage DC (UL-listed) 30 V Control toparating voltage DC (UL-listed) 30 V Device protection Electrical Device protection (Electrical Device protection (Electrical 1 Barled surge voltage 3 Rated surge voltage 3. K/V Material group (IEC 60664-1) 1 Mechanical data Material data Zinc die-casting Coating locking Nickelidd Coating locking Nickelidd Coating of Riting nickel plated Coating of Riting nickel plated Coating of Riting Nickelidd Material serve wormeclion Zinc die-casting	GTIN	4048879723299
Operating voltage AC max. 125 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection Mill X 1 Device protection Electrical Electrical Derive oprotection Electrical Pisition Connection Additional condition protection degree installation Pollution Degree 3 Ratid surge voltage 1.5 kV Metheral group (Electrical Electrical Casting looking Nickeled Coating of Nitting Dickel platod Coating of Nitting Tickel platod Coating of Initing Dickel platod Coating of Initing S ° °C Additional condition temperature max. S ° °C Operating temperature max. <td>Packaging unit</td> <td>1</td>	Packaging unit	1
Operating voltage DC max. 125 V Operating voltage DC UL-listed) 30 V Operating voltage DC UL-listed) 30 V Current operating par contact max. 4 A Installation Connection HEX Device protection Electrical Elevice protection (EN EC 60529) Device protection (EN EC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material at an experiment of the casting Image at a screw connection Coating locking Nickeled Image at a screw connection Coating locking material Zinc die-casting Image at a screw connection Worthing of thing Inserted, screwed, Shaking protection Environmental characteristics Climatic Deparaing temperature max. 45 °C Operating temperature max. 45 °C Additional condition temperature max. 45 °C Operating temperature max. 45 °C Additional condition temperature max. 45 °C Operating temperature max. 45 °C <td>Electrical data Supply</td> <td></td>	Electrical data Supply	
Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Corrent operating per contact max. 4 A Installation Connecton Mouning at Device protection Electrical Device protection (EN IEC 60529) Degree of protection (EN IEC 60529) IPES, IPE7, IPE6K Additional condition protection degree inserted, sorewed Pollution Dagree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Machanical data Material data Coating locking Coating locking nickel plated Coating of fitting nickel plated Coating to fitting nickel plated Coating tof fitting nickead </td <td>Operating voltage AC max.</td> <td>125 V</td>	Operating voltage AC max.	125 V
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection Milex x1 Device protection Electrical Electrical Degree of protection (EN EC 60529) IPES, IPE7, IPE6K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data [Material data Coating of fitting Coating forthing nickle plated Coating of fitting nickle plated Coating forthing Nickeled Coating of fitting nickle plated Locking material Ziro die casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. Operating temperature remp depending on cable quality Important Installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable to the screwed by accessive bending forces. Contornity Protect the connector by suitable measures from mechanical loads, e.g. by the usa	Operating voltage DC max.	125 V
Current operating per contact max. 4 A Installation Connection M12 x 1 Device protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge vortage 1,5 kV Material group (IEC 60664-1) 1 Machanical data Material data Coating locking Nickeled Coating locking material Zinc die-casting Material serve connection Zinc die-casting Material serve connection Zinc die-casting Material serve connection Zinc die-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature max. Additional condition temperature range depending on cable quality Important installation notes Portext the connectors by suitable measures from mechanical loads, e.g. by the usage of cable it Note on stain relef Protext the connectors by suitable measures from mechanical loads, e.g. by the usage of cable it Note on be	Operating voltage AC (UL-listed)	30 V
Instaliation Connection M12 x 1 Device protection Electrical Electrical Degree of protection (EN EC 60529) IP65, IP67, IP66K Additional condition protection degree isented, screwed Pollution protection of geree isented, screwed Pollution protection degree isented, screwed Material group (Ec 6064+1) 1 Machanical data Material data ice-casting Coating of fitting nickel plated Coating toperature max Sine of casting Muthing method isearted, screwed, Shaking protection Environmetal characteristics Climatic Coating temperature max Operating temperature max. 85 °C Additional condition networks Attention: Observe the permissible bending radii when laying cables, as the IP protection cass of cable tai Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tai Note on bending radius Attention: Observe the permissible bending radii when laying cab		30 V
Muning set M12 x 1 Device protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 6064-1) 1 Mechanical data Material data Coating loching and interial data Coating loching material Zinc die-casting Material group (IEC 6064-1) Incele casting Material group connection Zinc die-casting Material group connection Zinc die-casting Material group connection Sice Pace Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Portect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable to connectors by suitable measures from mechanical loads, e.g. by the usage of cable to connectors by suitable measures from mechanical loads, e.g. by the usage of cable to connectors by suitable measures from mechanical loads, e.g. by the usage of cable to connectors by suitable measures from mechanical loads, e.g. by the usage of cable to connectors by suitable measures from mechanical loads, e.g. by the usage of cable to connectors by suitable measures from mechanical loads, e.g. by the usage of cable to connectors by suitable measures from mechanical loads, e.g. by the us	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 Pollution Degree 3 Rated surge vortage 1,5 kV Material group (IEC 60664-1) 1 Machanical data Material data Cocating locking Coating locking nickel plated Coating of titing nickel plated Coating material Zino die-casting Machanical data Mounting data Material screw connection Environmental characteristics Climatic Comperating temperature min. Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important instaliation notes Mounting methor Note on bending radius Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of coable it Note on bending radius DIN EN 61076-2-101 (M12) Instalation I coable we bending forces. Contention Contormity Protect the connectore splex	Installation Connection	
Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree iserted, screwed Pollution Degree 3 Rated surge voltage 1.5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating of fitting Coating of fitting nickel plated Cocking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Isserwed, Shaking protection Environmental characteristics Climatic Operating temperature max. ØS °C Addition 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 ti Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ti Note on banding radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class or endangered by excessive bending lorces. Contomity Product standard DIN EN 61076-2:101 (M12) Installation (Cable I I Jackel Color<	Mounting set	M12 x 1
Additional condition protection degree isserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (EC 60664-1) I Mechanical data Material data I Coating of fitting 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 Coolega (Environmental characteristics) Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Attention: Observe the permissible bending radii when laying cables, as the IP protection class or endangered by excessive bending forces. Conformity Protext the connectors by suitable measures from mechanical loads, e.g. by the usage of cable II Product standard DIN EN 61076-2-101 (M12) Installation I Cable UNE No 1076-2-101 (M12) Installation Cable DIN EN 61076-2-101 (M12) Installation Cable DIN EN 61076-2-101 (M12) Installation Cable DIN EN 61076-2-101 (M12) Cable identification 615 Cab	Device protection Electrical	
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled I Coating locking Nickeled Coating locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature min. Important installation notes Attention: Observe the permissible bending radii when laying cables, as the IP protection class centre endangered by excessible bending radii when laying cables, as the IP protection class centre are general by the usage of cable tip Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class centre are general by the usage of cable tip Vict at andard DIN EN 61076-2-101 (M12	Degree of protection (EN IEC 60529)	IP65, IP67, IP66K
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled I Coating locking Nickeled Coating locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature min. Important installation notes Attention: Observe the permissible bending radii when laying cables, as the IP protection class centre endangered by excessible bending radii when laying cables, as the IP protection class centre are general by the usage of cable tip Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class centre are general by the usage of cable tip Vict at andard DIN EN 61076-2-101 (M12	Additional condition protection degree	inserted, screwed
Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating of fitting Coating of fitting 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. 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 it in stratalation [Cable with screwed by excessive bending forces. Contomity Product standard Product standard DIN EN 61076-2-101 (M12) Installation 615 Cable dentification 615 Cable Type 1 Jacket Color black Type of Certificate cuRus Annount straing 1 Stranding 5 wires around Core filler twisted </td <td></td> <td>3</td>		3
Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Inserted, screwesh ys uitable measures from mechanical loads, e.g. by the usage of cable if endangered by excessive bending forces. Contomity Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable if endangered by excessive bending forces. Contomity Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable if endangered by excessive bending forces. Contomity Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable if endangered by excessive bending forces. Colorertive Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable if endangered by excessive bending forces. Colorertive Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable if endangered by exc		1,5 kV
Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Comparating temperature min. -25 °C Operating temperature max. 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 it endangered by excessive bending forces. Contomity Environmental characteriation Product standard DIN EN 61076-2-101 (M12) Installation Cable Environmental brown, black, blue, white, green-yellow Cable identification 615 Cable identification 5 wires around Core filler twisted Type of	Material group (IEC 60664-1)	
Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ti Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ti Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ti Note on bending radius Attention: Observe the permissible bending radi when laying cables, as the IP protection class or endeted and protection class or endeterming proteclass or endeted and protection class or endeted an	Mechanical data Material data	
Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ti Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ti Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ti Note on bending radius Attention: Observe the permissible bending radi when laying cables, as the IP protection class or endeted and protection class or endeterming proteclass or endeted and protection class or endeted an	Coating locking	Nickeled
Locking material Zinc die-casting 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 Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable to endangered by excessive bending radii when laying cables, as the IP protection class or endangered by excessive bending forces. Conformity Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable to endangered by excessive bending forces. Cable on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class or endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable brown, black, blue, white, green-yellow Cable Identification 615 Cable Type Anount stranding 1 Storading Storading Storading 5 wires around Core filler twisted Filler <tr< td=""><td></td><td>nickel plated</td></tr<>		nickel plated
Material screw connection Zinc die-casting Mechanical data Mounting data inserted, screwed, Shaking protection Environmental characteristics Climatic Deparating temperature min. -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 to endangered by excessive bending radii when laying cables, as the IP protection class of endangered by excessive bending forces. Conformity Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable to endangered by excessive bending forces. Cable on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class of endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation [Cable Installation Cable brown, black, blue, white, green-yellow Cable Type 1 Lacket Color black Type of Certificate cURus Anount stranding 1 Stranding 5 w		•
Mechanical data Mounting data 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 Metention: Observe the permissible bending radii when laying cables, as the IP protection class of andangered by excessive bending forces. Conformity Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ti Attention: Observe the permissible bending radii when laying cables, as the IP protection class of andangered by excessive bending forces. Conformity Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ti Attention: Observe the permissible bending radii when laying cables, as the IP protection class of andangered by excessive bending forces. Product standard DIN EN 61076-2-101 (M12) Installation Cable write arrangement write arrangement brown, black, blue, white, green-yellow Cable identification 615 Cable Vipe 1 Jacket Color black Type of Certificate vires around Core filler twisted Arount strandi		
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 Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ti Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ti Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class or 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 Cable fortificate cJRus 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 Attention; black, blue, white, green-yellow Cable weigth	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 Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ti endangered by excessive bending radii when laying cables, as the IP protection class or endangered by excessive bending forces. Conformity Product standard Product standard DIN EN 61076-2-101 (M12) Installation Cable view arrangement brown, black, blue, white, green-yellow Cable identification Cable identification 615 Cable Color black Type of Certificate cJRus 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, whi		inserted screwed Shaking protection
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 ti endangered by excessive bending radii when laying cables, as the IP protection class of 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 Color 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	-	
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 ti additional condition temperature range Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ti additional conditions are denangered by excessive bending radii when laying cables, as the IP protection class of 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 Cable Color black Type of Certificate Amount stranding 1 Stranding Filler yes wire arrangement wire arrangement brown, black, blue, white, green-yellow Cable weigth 48,4 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A	· · · ·	
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 ti endangerad by excessive bending radii when laying cables, as the IP protection class or endangered by excessive bending forces. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class or endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Endet for the standard Brown, black, blue, white, green-yellow Cable identification 615 Endet for the standard Endet for the standard Type of Certificate culture Endet for the standard Endet for the standard Stranding 1 Stranding 1 Stranding Stranding Stranding 5 wires around Core filler twisted Filler yes Wire arrangement brown, black, blue, white, green-yellow Cable weigth 48,4 g/m 48,4 g/m Endet for the standard Endet for the standard Endet for the standard Store hardness jacket 85 ± 5 Shore A Store A Store A Store A Store A		
Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ti Attention: Observe the permissible bending radii when laying cables, as the IP protection class of endangered by excessive bending forces. Conformity IN EN 61076-2-101 (M12) Installation Cable brown, black, blue, white, green-yellow 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 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		
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ti attention: Observe the permissible bending radii when laying cables, as the IP protection class of endangered by excessive bending forces. Conformity Image: Conformity of the connectors of endangered by excessive bending forces. Product standard DIN EN 61076-2-101 (M12) Installation Cable Image: Conformity of the connectors of endangered by excessive bending forces. View arrangement brown, black, blue, white, green-yellow 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		
Attention: Observe the permissible bending radii when laying cables, as the IP protection class of endangered by excessive bending forces. Conformity Installation DIN EN 61076-2-101 (M12) Installation Cable vire arrangement 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 keigth 48,4 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A	•	
Note of Dending 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 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	Note on strain relief	
Product standardDIN EN 61076-2-101 (M12)Installation Cablewire arrangementbrown, black, blue, white, green-yellowCable identification615Cable identification615Cable Type1Jacket ColorblackType of CertificatecURusAmount stranding1Stranding5 wires around Core filler twistedFilleryeswire arrangementbrown, black, blue, white, green-yellowCable weigth48,4 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore A	Note on bending radius	
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 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	Conformity	
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 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	Product standard	DIN EN 61076-2-101 (M12)
wire arrangementbrown, black, blue, white, green-yellowCable identification615Cable Type1Jacket ColorblackType of CertificatecURusAmount stranding1Stranding5 wires around Core filler twistedFilleryeswire arrangementbrown, black, blue, white, green-yellowCable weigth48,4 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore A		
Cable identification615Cable Type1Jacket ColorblackType of CertificatecURusAmount stranding1Stranding5 wires around Core filler twistedFilleryeswire arrangementbrown, black, blue, white, green-yellowCable weigth48,4 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore A		brown black blue white green-vellow
Cable Type1Jacket ColorblackType of CertificatecURusAmount stranding1Stranding5 wires around Core filler twistedFilleryeswire arrangementbrown, black, blue, white, green-yellowCable weigth48,4 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore A	-	
Jacket ColorblackType of CertificatecURusAmount stranding1Stranding5 wires around Core filler twistedFilleryeswire arrangementbrown, black, blue, white, green-yellowCable weigth48,4 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore A		
Type of CertificatecURusAmount stranding1Stranding5 wires around Core filler twistedFilleryeswire arrangementbrown, black, blue, white, green-yellowCable weigth48,4 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore A		
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		
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		
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		
wire arrangement brown, black, blue, white, green-yellow Cable weigth 48,4 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A		
Cable weigth 48,4 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A		
Material jacket PVC Shore hardness jacket 85 ± 5 Shore A	Cable weigth	
Shore hardness jacket 85 ± 5 Shore A	-	
-		
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free		
Outer-diameter (jacket) 5,2 mm	Freedom from ingredients (jacket)	



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 ²
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: 2024-06-23