

stay connected

M12 male 0° / M12 female 0° A-cod.

PUR 5x0.34 gy UL/CSA+drag ch. 0.5m

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.

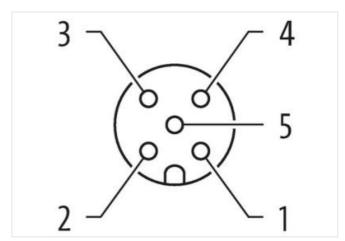
The resistance to aggressive media should be individually tested for your application. Further details on request.

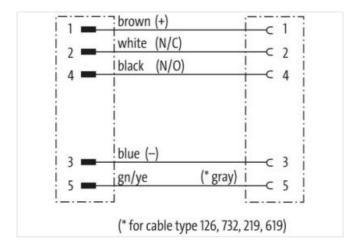
Further cable lengths on request.

Link to Product

Illustration



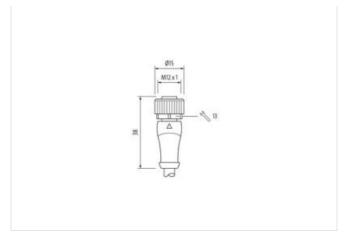


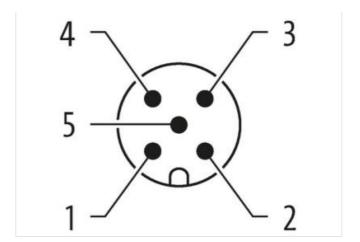






stay connected





Product may differ from Image













Cable length	0,5 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
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



stay connected

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 locking Nickeled Coating of lifting nickel plated Locking material screw connection Zinc die-casting Mechanical data Mounting data Mechanical data Mounting data Mechanical data Mounting data Mechanical data Mounting data Mechanical data Mounting data Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °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 Dix NE 61076-2-101 (M12) Installation Cable Cable identification 235 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Swires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weight 41,8 g/m Material jacket Dur 1,5 km m Alternian ispected. 48 mm	ECLASS-12.0	27060311
coutons tariff number 85444290 GTIN 404897967913 Packaging unit 1 Electrical data [Supply 125 V Operating voltage AC max. 125 V Operating voltage AC (IU-listed) 30 V Operating voltage AC (IU-listed) 30 V Operating voltage AC (IU-listed) 30 V Outrent operating per contact max. 4 A Installation Connection M12 x 1 Degree of protection [Electrical W12 x 1 Degree of protection [Electrical P068 Degree of protection [Electrical P078 P67 (P66K) Additional condition protection degree 1 marted acreaved Allocating for fitting protection (EM IEC 605529) P65, P67 (P66K) Additional condition protection operating and protection (EM IEC 605529) 1,5 kW Metalical surge voltage and protection acreased acreaved state of patient acreating and protection acreased acreaved acreaved acreaved acreaved acreaved acreating acreating and patient acreating acreat		
Fackaging unit 1 1 1 1 1 1 1 1 1		
Packaging until 1 Electrical data I Supply Electrical data I Supply Operating voltage AC max. 125 V Operating voltage BC Gimas. 125 V Operating voltage BC (UL- Islaed) 30 V Operating voltage BC (UL- Islaed) 30 V Current operating per contact max. 4 A Installation Connection M12 x 1 Device protection Electrical Device protection Electrical Degree of protection Electrical Degree of protection Electrical Additional consistion protection of express 1,5 kV Material group (ES 6064-1) I Machanical data Material Inc. discassing Material screw connection Zinc discassing Material screw connection Zinc discassing Mechanical data Mourting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature max. 85 °C <		
Petrical data Supply		
Operating voltage AC max. 125 V Operating voltage DC max. 125 V Operating voltage DC max. 30 V Operating voltage DC (UL-istee) 30 V Operating voltage DC (UL-istee) 30 V Current operating per contact max. 4 A Institution [Connection Mounting set M12 x I Device protection [Electrical Device protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree Inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 k V Machanical data Inserted (Septer) 1 Coating of fitting nokeloled Coating of fitting nokelo plated Coating of fitting nokel plated Milechanical data I Mounting data Zinc die-casting Muterial screw connection Zinc die-casting Muterial promperature max. 45 °C Operating temperature max. 45 °C Operating temperature max. 45 °C Additional condition temperature max. 85 °C Operating		
Operating voltage DC max. 125 V Operating voltage AC (IU-listed) 30 V Ourrent operating per contact max. 4 A Installation Connection Mounting set Mounting set M12 x 1 Degree of protection Electrical P65, IP67, IP66K Additional condition protection degree Installation P65, IP67, IP66K Additional condition P65, IP67, IP66K IP68, IP67, IP66K Additional condition P65, IP67, IP66K IP68, IP67, IP66K Additional condition P65, IP67, IP66K IP68, IP67, IP66K Additional condition P67, IP66K IP68, IP67, IP66K Material group (IE6, B06841) IP68, IP67, IP66K Material group (IE6, B06841) IP67, IP66K Material protection condition temperature max IP67, IP66K <t< td=""><td></td><td>405.1/</td></t<>		405.1/
Operating voltage AC (LL-listed) 30 V Operating voltage DC (LL-listed) 30 V Operating voltage DC (LL-listed) 30 V Operating voltage DC (LL-listed) 30 V Outret Operating per contact max. 4 A Installation Connection Mounting set M12 x 1 Degree of protection Electrical Degree of protection (Electrical Degree of protection (PLEC 60529) PBS, IP67, IP68K Additional condition protection degree inserted, screwed Pollution Degree 3 Flated surge voltage 1,5 kV Material group (EC 606641) I Mechanical data Material data Coating locking nickel plated Coating of fitting nickel plated Coating of this protection Zmc die-casting Mechanical data Mounting data Mechanical data Moun		
Operating voltage DC (UL-listed) 39 V Current operating per contact max. 4 A Installation Connection Mounting set M12 x 1 Device protection Electrical Degree of protection (EN IEC 68529) P65, IP67, IP66K Additional condition protection degree insentid, snewed Folliutino Begree 3 Rated surge voltage 1,5 kV Meterial group (IEC 68664+1) I Mechanical data Material data Coating obting Nickelied Nickelied Coating obting Nickelied Coating Nickelied Coating obting Nickelied Coating		
Current operating per contact max. 4 A Installation Connection Woulding set M12 x 1 Device protection Electrical Degree of protection (EN EC 60529) P65, IP67, IP66K Inserted, screwed Pollution Degree 3 3 Rated surge voltage 1,5 kV Inserted data Material data Material group (IEC 60624) I Mechanical data Material data Material data Material data Material group (IEC 60624) I Mechanical data Material data M		
Installation Connection Muruing set M12 x 1 Device protection Electrical Device protection (EN IEC 60829) IP65, IP67, IP66K Additional condition protection degree Inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Meterial group (IEC 60684-1) I Mechanical data Material data Nickeled Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc de-casting Meterial screw connection Zinc de-casting Meterial screw connection Zinc de-casting Meterial propertion of the pr		
Device protection Electrical		70
Degree of protection (EN IEC 60829) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60864-1) I Mechanical data Material data Coating of fitting nickel plated Coating of fitting nickel plated Coating of fitting nickel plated Locking material Zinc dis-casting Material screw connection Zinc dis-casting Mechanical data Mounting data Munting method inserted, screwed, Shaking protection Mechanical data Mounting data Munting method inserted, screwed, Shaking protection Mechanical data Mounting data Munting method inserted, screwed, Shaking protection Mechanical data Mounting data Munting method inserted, screwed, Shaking protection Mechanical data Mounting data Munting method inserted, screwed, Shaking protection Mechanical data Mounting data Munting method inserted, screwed, Shaking protection Mechanical data Mounting data Munting method inserted, screwed, Shaking protection Mechanical data Mounting data Munting method inserted, screwed, Shaking protection Mechanical data Mounting data Munting method inserted, screwed, Shaking protection Mechanical data Mounting data Munting method inserted, screwed, Shaking protection Mechanical data Mounting data Munting method inserted, screwed, Shaking protection Mechanical data Mounting data Munting method inserted, screwed, Shaking protection Mechanical data Mounting data Munting method inserted, screwed, Shaking protection Mechanical data Mounting data Munting method inserted, screwed, Shaking protection Mechanical data Mounting data Munting method inserted, screwed, Shaking protection Mechanical data Mounting data Munting method inserted, screwed, Shaking protection Mechanical data Mounting data Mech		Mao . a
Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Image:		M12 x 1
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 locking Nickeled Coating of lifting nickel plated Locking material screw connection Zinc die-casting Mechanical data Mounting data Mechanical data Mounting data Mechanical data Mounting data Mechanical data Mounting data Mechanical data Mounting data Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °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 Dix NE 61076-2-101 (M12) Installation Cable Cable identification 235 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Swires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weight 41,8 g/m Material jacket Dur 1,5 km m Alternian ispected. 48 mm	Device protection Electrical	
Follution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I 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 Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes 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 Cable identification 235 Cable Type 3 Jacket Color gray Type of Certificate CURus Amount stending 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weight 41,8 grin Material jacket Number (jacket) lead free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,8 mm	Degree of protection (EN IEC 60529)	IP65, IP67, IP66K
Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zimo die casting Material screw connection Zimo die-casting Methanical data Mounting data Mechanical data Mounting data Meditional condition temperature man. 25 °C Operating temperature man. 25 °C Operating temperature man. 25 °C Operating temperature man. 25 °C Operating temperature range of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection dass can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 235 Sable identification 245 Sirvies around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weight 41,8 g/m Material jacket PUR Shore hardness jacket Full (4,8 mm) Meterial jacket (5,6 km) 184,6 mm	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1) I Mechanical data Material data 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 Mounting method Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Functional method of the protection of the protection of the protection of the protecting 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 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 Cable identification 235 Cable equification 235 Cable representation Cable weight 14,18 gm Amount stranding	Pollution Degree	3
Mechanical data Material data Nickeled 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 Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature range depending on cable quality Important installation notes 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 enchangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 235 Cable identification 235 Cable of type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire ar	Rated surge voltage	1,5 kV
Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical date Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Sasting and supplementation of the protection of 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 Sasting and protection of the protection of the protection of the protection of the protection	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 Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes 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. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Standard DIN EN 61076-2-101 (M12) Cable identification 235 Cable identification 235 Cable Type 3 3 Jacket Color gray Type of Certificate cURUS Amount stranding 1 Stranding 5 wires around Core filler twisted Filler	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 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. 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 Zable defentification 235 Cable Type 3 3 Jacket Color gray 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 41,8 g/m Material jacket	Coating locking	Nickeled
Material screw connection Zinc die-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 range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable 235 Cable identification 235 Cable identification 235 Cable IYpe 3 Jacket Color gray Type of Certificate cuRus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yell	Coating of fitting	nickel plated
Mechanical data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °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. 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 Cable identification 235 Cable Type 3 Jacket Color gray 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 41,8 g/m Material jacket PUR Shore hardness jacket Puse lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,8 mm	Locking material	Zinc die-casting
Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min.	Material screw connection	Zinc die-casting
Environmental characteristics Climatic Operating temperature min.	Mechanical data Mounting data	
Operating temperature min. 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. 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 Cable identification 235 Cable Type 3 Jacket Color gray 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 41.8 g/m Material jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 4,8 mm	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 235 Cable Type 3 Jacket Color gray 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 41,8 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 4,8 mm	Environmental characteristics Climatic	
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 Cable identification 235 Cable Type 3 Jacket Color gray 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 41,8 g/m Material jacket PUR Shore hardness jacket 90± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,8 mm	Operating temperature min.	-25 °C
Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. 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 Cable identification 235 Cable Type 3 Jacket Color gray 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 41,8 g/m Material jacket PUR Shore hardness jacket 90± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,8 mm	Operating temperature max.	85 °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 Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 235 Cable Type 3 Jacket Color gray 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 41,8 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,8 mm	Additional condition temperature range	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 Cable identification 235 Cable Type 3 Jacket Color gray 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 41,8 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,8 mm	Important installation notes	
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 Cable identification 235 Cable Type 3 Jacket Color gray 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 41,8 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,8 mm	•	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties
conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 235 Cable Type 3 Jacket Color gray 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 41,8 g/m Material jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 4,8 mm		
Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 235 Cable Type 3 Jacket Color gray 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 41,8 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 4,8 mm	Note on bending radius	
Installation CableCable identification235Cable Type3Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding5 wires around Core filler twistedFilleryeswire arrangementbrown, black, blue, white, green-yellowCable weigth41,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,8 mm	Conformity	
Cable identification 235 Cable Type 3 Jacket Color gray 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 41,8 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 4,8 mm	Product standard	DIN EN 61076-2-101 (M12)
Cable Type 3 Jacket Color gray 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 41,8 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 4,8 mm	Installation Cable	
Jacket Color gray 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 41,8 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,8 mm	Cable identification	235
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 41,8 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,8 mm	Cable Type	3
Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigth 41,8 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,8 mm	Jacket Color	gray
Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigth 41,8 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,8 mm	Type of Certificate	
Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigth 41,8 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,8 mm	Amount stranding	1
wire arrangement brown, black, blue, white, green-yellow Cable weigth 41,8 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,8 mm	Stranding	5 wires around Core filler twisted
Cable weigth 41,8 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,8 mm	Filler	yes
Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,8 mm	wire arrangement	brown, black, blue, white, green-yellow
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,8 mm	Cable weigth	41,8 g/m
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,8 mm	Material jacket	PUR
Outer-diameter (jacket) 4,8 mm	Shore hardness jacket	90 ± 5 Shore A
	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Tolerance outer diameter (sheath) ± 5 %	Outer-diameter (jacket)	4,8 mm
	Tolerance outer diameter (sheath)	±5%



stay connecte	d
---------------	---

Material wire insulation	PP
Amount wires	5
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C horizontal
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)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
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	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min