

## M12 male 0° A-cod. with cable

PVC 4x0.34 ye UL/CSA 10m

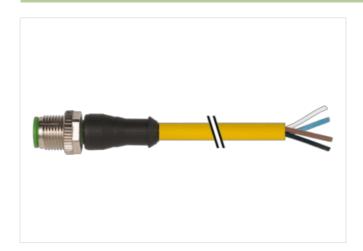
Male straight M12, 4-pole with cable sleeves

Plastic housings with good resistance against chemicals and oils.

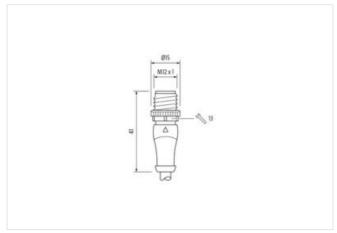
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

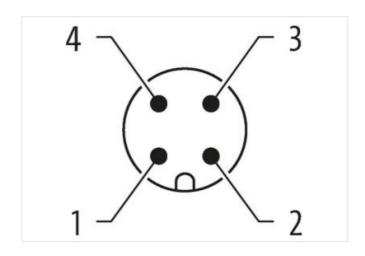
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

10 m

Side 1

Tightening torque 0,6 Nm



stay connected

Family contraction form	Mounting method	inserted, screwed
Solitable for corrugated tube (internal 6)	Family construction form	M12
Material   PUR	Thread	M12 x 1
Meterola         PUR           Witth across fists         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial dates         CCLASS 6.0         27278218           ECLASS 6.1         27278218           ECLASS 7.0         27279218           ECLASS 8.0         27279218           ECLASS 9.0         27090311           ECLASS 1.1         27060311           ECLASS 1.2.0         27070318           Packaging unit         1           Electrical staff supply         250 V           Packaging unit         1           Electrical data [ Supply Contact max. 250 V         250 V           Operating voltage DC must. 250 V         270 C           Operating voltage DC must. 250 V         270 C <td>suitable for corrugated tube (internal Ø)</td> <td>10 mm</td>	suitable for corrugated tube (internal Ø)	10 mm
With across fats         Will Dugros of protection (EN IEC 00529)         IPS6, IPS6K, IPS7           Commercial date         ECLASS-6.0         27278218           ECLASS-6.1         227279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27090311           ECLASS-9.0         27090311           ECLASS-9.1         27090311           ECLASS-1.1         27090311           ECLASS-1.2.0         27090311           ECLASS-1.2.1         27090311           ECLASS-1.2.0         27090311           ECLASS-1.2.1         27090311           ECLASS-1.2.1         27090311           ECLASS-1.2.1         27090311           ECLASS-1.2.1         27000311           ECLASS-1.2.1         27000311           ECLASS-1.2.2         27000311           ECLASS-1.2.2         27000311      <	Coding	A
Pegrea of protection (EN IEC 68529)	Material	PUR
Commercial data         ECIASS-6.0         27279218           ECIASS-6.1         27279218           ECIASS-7.0         27279218           ECIASS-8.0         27279218           ECIASS-9.0         27060311           ECIASS-9.1         27060311           ECIASS-10.1         27060311           ECIASS-12.0         27060311           ECIASS-12.0         27060311           ETIM-5.0         ECO01895           COUNTRY         4048879218788           Packaging unit         1           Electrical data   Supply         V           Operating voltage AC max.         250 V           Operating voltage AC (UL-steet)         30 V           Operating voltage DC (UL-steet)         30 V           Operating per contact max.         4 A           Installation Connection         Woltage AC max.           Device protection I Electrical         Aldidional condition protection degree           Pollution Degree         3           Rate of unger voltage         2,5 kV           Multi-all group (IECC 60664-1)         <	Width across flats	SW13
ECLASS 6.0         27279218           ECLASS 6.1         2779218           ECLASS 7.0         27279218           ECLASS 8.0         27279218           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 9.1         27060311           ECLASS 9.1         27060311           ECLASS 9.1         27060311           ECLASS 9.0         2707031           Packaging unit         1           Electrical data   Supply         250 V           Operating voltage AC (UL-listed)         30 V           Device protection   Electrical           Additional condition protection degree         3           Raded suge voltage	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27000311           ECLASS-10.1         27000311           ECLASS-11.1         27000311           ECLASS-12.0         27000311           ECLASS-13.0         ECOH855           customs tariff number         85444290           GTIN         4048879218788           Packaging unit         1           Electrical data   Supply         Voperating voltage AC max.           Operating voltage DC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC (UL-listed)         30 V           Mouring set McLeised         *** Carewed           Pollution   Degree         3           Additional condition protection degree         inserted, screwed           Pollution Degree	Commercial data	
ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-8.0         EC001885           customs tariff number         85444290           GTIN         4048879218788           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC (IL-1sted)         30 V           Operating voltage AC (IL-1sted)         30 V           Operating voltage AC (IL-1sted)         30 V           Current operating per contact max.         4 A           Installation   Connection         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         X           Coating of litting         rickel plated           Locking	ECLASS-6.0	27279218
ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECHASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff rumber         8544290           GTIN         4048879218788           Packaging unt         1           Electrical data [Supply         Poperating voltage AC max.           Operating voltage AC max.         250 V           Operating voltage AC (UI-listed)         30 V           Operating voltage AC (UI-listed)         30 V           Operating voltage AC (UI-listed)         30 V           Outent operating per contact max.         4 A           Institution   Connection         Max 1           Mounting set         M12 X 1           Device protection   Electrical         V           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         I           McChanical data   Material data         Zinc die-casting           Casting locking         Nickeled	ECLASS-6.1	27279218
ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff rumber         85444290           OTIN         4048879218788           Packaging unf         1           Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage AC (ML-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Institution   Connection         M12 x 1           Device protection   Electrical         4 A           Institution   Operating per contact max.         4 A           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2.5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Zinc die-casting           Casting locking         Nickeled           Casting locking         Nickeled           Casting locking         Nickeled <t< td=""><td>ECLASS-7.0</td><td>27279218</td></t<>	ECLASS-7.0	27279218
ECLASS-1-0.1         27060311           ECLASS-1-2.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         408873218788           Packaging unit         1           Electrical data   Supply         1           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating promotact max.         4 A           Installation   Connection         Munting set           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         insented, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Xinc die-casting           Material screw connection         Xinc die-casting           Meterial screw connection         Zinc die-casting           Meterial screw connection         Zinc die-casting           Meterial g	ECLASS-8.0	
ECLASS-1-0.1         27060311           ECLASS-1-2.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         408873218788           Packaging unit         1           Electrical data   Supply         1           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating promotact max.         4 A           Installation   Connection         Munting set           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         insented, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Xinc die-casting           Material screw connection         Xinc die-casting           Meterial screw connection         Zinc die-casting           Meterial screw connection         Zinc die-casting           Meterial g	ECLASS-9.0	27060311
ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879218788           Packaging unit         1           Electrical data   Supply         Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating per contact max.         4 A           Installation   Connection         M12 x 1           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surpe voiltage         2,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         I           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature max.         4	ECLASS-10.1	
ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff rumber         85444290           GTIN         4048879218788           Packaging unit         1           Electrical data   Supply         Operating voltage AC max.           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DG (UL-listed)         30 V           Operating per contact max.         4 A           Installation   Connection         M12 x 1           Mounting set         M12 x 1           Pevice protection   Electrical         Additional condition protection degree           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Coating of fitting           Coating of fitting         nickel plated           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data           Mounting method         inserte		27060311
ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879218788 Packaging unit 1  Electrical data   Supply Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage AC (IU-listed) 30 V Operating voltage AC (IU-listed) 30 V Operating voltage AC (IU-listed) 30 V Operating voltage PC (IU-listed) 4 A Operating voltage PC (IU-listed) 4 A Operating voltage PC (IU-listed) 4 A Operating voltage 2,5 kV Operating voltage 3 Nickeled Operating Integrated Active Voltage 3 Nickeled Operating Integrated 5 Nickeled 5	ECLASS-12.0	
GTIN 4048879218788 Packaging unit 1  Electrical data   Supply   Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 4 A  Installation   Connection Mounting set M12 x 1  Pevice protection   Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled Coating lofking nickel plated Locking of litting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature max 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.		
Packaging unit 1  Electrical data   Supply   Operating voltage AC max. 250 V Operating voltage AC (UL-tisted) 30 V Operating voltage DC (UL-tisted) 30 V Operating per contact max. 4 A  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Politation Degree 3 Rated surge voltage 2.5 kV  Material group (IEC 60684-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Environmental characteristics   Climatic  Deperating temperature min25 °C Operating temperature min25 °C Operating 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.	customs tariff number	85444290
Electrical data   Supply	GTIN	4048879218788
Electrical data   Supply	Packaging unit	1
Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 4 A  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3 Search and		
Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation   Connection  Mounting set M12 x 1  Device protection   Electrical Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 2,5 kV  Material group (IEC 60664-1)   I  Mechanical data   Material data  Coating locking nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting  Mechanical data   Munting data Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Coperating 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.	Operating voltage AC max.	250 V
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A  installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Materials crow connection Zinc die-casting  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.	Operating voltage DC max.	250 V
Current operating per contact max. 4 A  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Materials rew connection Zinc die-casting  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 rellef 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.	Operating voltage AC (UL-listed)	30 V
Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating locking nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on berding radius  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	Operating voltage DC (UL-listed)	30 V
Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 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  Operating temperature min25 °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.	Current operating per contact max.	4 A
Device protection   Electrical	Installation   Connection	
Device protection   Electrical	Mounting set	M12 x 1
Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) 1  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  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.		
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Rated surge voltage 2,5 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  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.		·
Material group (IEC 60664-1)    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 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.		
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Locking material  Zinc die-casting  Material screw connection  Zinc die-casting  Mechanical data   Mounting data  Mounting method  inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.  -25 °C  Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief  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		
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		· · · · · · · · · · · · · · · · · · ·
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		
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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	Mechanical data   Mounting data	
Operating temperature min.  -25 °C  Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  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	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	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.  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	Operating temperature min.	-25 °C
Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity	Operating temperature max.	85 °C
Note on strain relief  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity	Additional condition temperature range	depending on cable quality
Note on bending radius  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity	Important installation notes	
endangered by excessive bending forces.  Conformity	Note on strain relief	
	Note on bending radius	
Product standard DIN EN 61076-2-101 (M12)	Conformity	
	Product standard	DIN EN 61076-2-101 (M12)

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: 2024-06-24



stay connected

wire arrangement Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation Amount strands (wire)	brown, black, blue, white  014  1  yellow  cURus  1  4 wires twisted  brown, black, blue, white  40,7 g/m  PVC  85 ± 5 Shore A
Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation	1 yellow cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m PVC
Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation	yellow cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m PVC
Type of Certificate  Amount stranding  Stranding  wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  Amount wires  Outer diameter insulation  Outer diameter tolerance core insulation  Shore hardness wire insulation  Material properties wire insulation  Ingredient freeness wire insulation	cURus  1 4 wires twisted brown, black, blue, white 40,7 g/m PVC
Amount stranding  Stranding  wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  Amount wires  Outer diameter insulation  Outer diameter tolerance core insulation  Shore hardness wire insulation  Material properties wire insulation  Ingredient freeness wire insulation	1 4 wires twisted brown, black, blue, white 40,7 g/m PVC
Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation	4 wires twisted brown, black, blue, white 40,7 g/m PVC
wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  Amount wires  Outer diameter insulation  Outer diameter tolerance core insulation  Shore hardness wire insulation  Material properties wire insulation  Ingredient freeness wire insulation	brown, black, blue, white 40,7 g/m PVC
Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  Amount wires  Outer diameter insulation  Outer diameter tolerance core insulation  Shore hardness wire insulation  Material properties wire insulation  Ingredient freeness wire insulation	40,7 g/m PVC
Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation	PVC
Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation	
Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  Amount wires  Outer diameter insulation  Outer diameter tolerance core insulation  Shore hardness wire insulation  Material properties wire insulation  Ingredient freeness wire insulation	85 ± 5 Shore A
Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation	
Tolerance outer diameter (sheath)  Material wire insulation  Amount wires  Outer diameter insulation  Outer diameter tolerance core insulation  Shore hardness wire insulation  Material properties wire insulation  Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Material wire insulation  Amount wires  Outer diameter insulation  Outer diameter tolerance core insulation  Shore hardness wire insulation  Material properties wire insulation  Ingredient freeness wire insulation	5 mm
Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation	± 5 %
Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation	PVC
Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation	4
Shore hardness wire insulation  Material properties wire insulation  Ingredient freeness wire insulation	1,25 mm
Material properties wire insulation ngredient freeness wire insulation	± 5 %
Ingredient freeness wire insulation	45 ± 5 Shore D
<u> </u>	good machinability
Amount strands (wire)	lead-free, cadmium-free, CFC-free, silicone-free
,	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	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
chemical resistance	0 1 0 1
Gasoline resistance	Good, application-related testing
Oil resistance	
Bending radius (fixed)	Good, application-related testing
Bending radius (dynamic)	Good, application-related testing Good, application-related testing