

## M12 female 0° A-cod. with cable

PVC 4x0.34 ye UL/CSA 5m

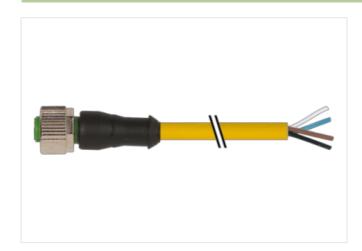
Female straight M12, 4-pole with cable sleeves

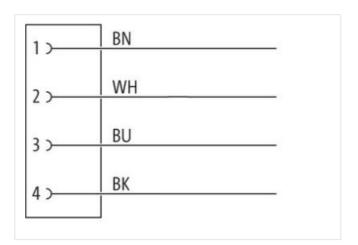
Plastic housings with good resistance against chemicals and oils.

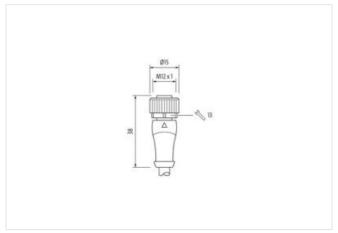
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

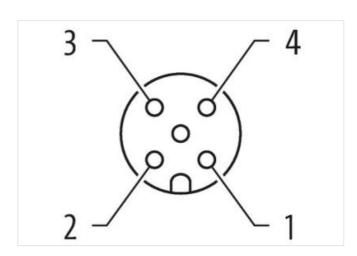
## **Link to Product**

## Illustration









Product may differ from Image







5 m







Cable length

Side 1

Tightening torque 0,6 Nm



stay connected

Family controlled from	Mounting method	inserted, screwed
suitable for roungated tube (internal Ø)         10 mm           Coding         A           Material         PUR           Width aconse flats         SW13           Degree of protection (EN EC 6059)         IP85, IP867, IP87           Commercial data         PECLASS-6.0           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27690311           ECLASS-9.1         27690311           ECLASS-9.1         27690311           ECLASS-11.1         27660311           ECLASS-12.0         27090311           ECLASS-13.1         27660311           ECLASS-10.1         27690311           ECLASS-11.1         27660311           ECLASS-12.0         27000311           ECLASS-10.1         404878213318           Packaging unit         1           Effective data is supply         404878213318           Operating vallage DC max.         250 V           Operating vallage AC max.         250 V <tr< td=""><td>Family construction form</td><td>M12</td></tr<>	Family construction form	M12
Coding         A           Meaterial         PUR           Width across flats         SW13           Dagree of protection (EN IEC 60529)         IPSE, IPSEK, IPS7           Commercial date           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-9.1         27080311           ECLASS-1.1         27080311           ECLASS-1.2         27080311           ECLASS-1.2.0         27080311           ETIM-8.0         ECOD1855           COLASS-1.0         4948079213318           EXECUTION OF THE PROPRIES OF T	Thread	M12 x 1
Material   PUR   With across flats   SW13	suitable for corrugated tube (internal Ø)	10 mm
With across fiets         SW13           Dugres of protection (EN IEC 06259)         IP65, IP66K, IP67           Commercial date         ECLASS 6.0         27279218           ECLASS 6.1         27279218           ECLASS 7.0         27279218           ECLASS 8.0         27279218           ECLASS 9.0         27000311           ECLASS 9.0         27000311           ECLASS 1.1         27000311           ECLASS 1.2.0	Coding	A
Degree of protection (EN IEC 66529)	Material	PUR
Commercial data         ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.1         27060311           ECLASS-10.1         27060311           ECLASS-11.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETM-5.0         ECO01855           COUNTY         4048879213318           Packaging int         1           Electrical data   Supply         V           Operating voltage AC max.         250 V           Operating voltage AC (IU-Islaid)         30 V           Operating voltage AC (IU-Islaid)         30 V           Operating voltage DC (IU-Islaid)         30 V           Installation Connection         MI2 x 1           Device protection   Electrical         Alcanomic protection degree           Pollution Degree         3	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-9.1         27060311           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           GLASS-1.3         47060311           ECLASS-1.2.0         27060311           GLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           GLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           Electrical Actain Staff Immber         4870223318           Poperating voltage AC (UL-Islad)         30 V           Operating voltage AC (UL-Islad)         30 V           Operating voltage AC (UL-Islad)         <	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         100 1855           customs tariff number         85444290           GTIN         4048879213318           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC (UL-listed)         30 V           Operating voltage PC (UL-listed)         30 V           Mouring posted MC (UL-listed)         30 V           Posted protection   Electrical         4 A           Installation   Connection         McLease   Connection   Connecti	Commercial data	
ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         100 1855           customs tariff number         85444290           GTIN         4048879213318           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC (UL-listed)         30 V           Operating voltage PC (UL-listed)         30 V           Mouring posted MC (UL-listed)         30 V           Posted protection   Electrical         4 A           Installation   Connection         McLease   Connection   Connecti	ECLASS-6.0	27279218
ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27090311           ECLASS-10.1         27090311           ECLASS-11.1         27090311           ECLASS-12.0         27090311           ETIM-5.0         EC01855           usatioms tariff number         85444290           GTIN         4048879213318           Packaging unit         1           Electrical data   Supply         February           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC (Pull-listed)         30 V           Operating voltage AC (U-listed)         30 V           Current operating per contact max.         4 A           Institution   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 60684-1)         1           Mechanical data   Material data         Zinc disc-casting           Material group (IEC 60684-1)         1           Mechanical data   Mounting data         Zinc d		
ECLASS 8.0         27279218           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 11.1         27060311           ECLASS 11.2.0         27060311           ETIM-5.0         ECO01895           customs tariff number         B5444290           GTIN         404887921318           Packaging und         1           Flectrical data   Supply           Operating vollage AC max.         250 V           Operating vollage DC max.         250 V           Operating vollage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Institution   Connection         M12 X 1           Device protection   Electrical         M2 X           Device protection   Electrical         M2 X           Mounting set         M12 X 1           Device protection   Electrical         M2 X           Motional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60684-1)         1           McChanical data   Material data         Zinc die-casting           Material group (imagerial material state   M2		
ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.3         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001985           Customs faulf number         83444290           GTIN         4048879213318           Packaging unt         1           Electrical data [Supply         Electrical data [Supply           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Outling voltage AC (UL-listed)         M12 x 1           Device protection   Electrical         Inserted, screwed           Additional condition protection degree         3           Pollution Degree         3           Rate of supply voltage         2.5 kV <t< td=""><td></td><td></td></t<>		
ECLASS-1.01         27060311           ECLASS-1.20         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         404879213318           Packaging unit         1           Electrical data   Supply         Verifical data   Supply           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 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           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60684+1)         1           Independent of litting         nickel plated           Coating of litting         nickel plated           Coating of litting         nickel plated           Locking material         Zinc die-aasting           Meterial screw connection         Zinc die-aasting           Meterial screw connection         Zinc die-aasting           Mechanical data   Mounting data           <		
ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         EC01855           customs tarilf number         85444290           GTIN         4048879213318           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         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 60064-1)         1           Mechanical data   Material data         Coating olicking           Coating olicking         Nickeled           Coating olithing         nickel plated           Locking material         Zinc die-casting           Material sorew connection         Zinc die-casting           Mechanical data   Mounting data           Mounting meth		
ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         8544290           GTIN         4048879213318           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 AC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         M12 x 1           Mounting set         M12 x 1           Pevice protection   Electrical         W12 x 1           Additional condition protection degree         Installation   Connection           Material group (IEC 96664-1)         1           Pollution Degree         3           Rated surge voltage         2.5 kV           Material data   Material data         X10 cele-casting           Coating of fitting         nickel plated           Coating of fitting         nickel plated           Cocking metrial         Zinc die-casting           Material sorew connection         Zinc die-casting           Mounting method         Inserted, screwed, Shaking protection           Environmental characte		
ETIM-5.0 EC001855 customs tariff number 85444290 GTN 4048879213318 Packaging unit 1  Electrical data   Supply Operating voltage AC max. 250 V Operating voltage AC 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 AC (IU-listed) 4A Current operating per contact max. 4A  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3 Read Supply (IEC 60664-1) I  Mechanical data   Material data  Locking Material group (IEC 60664-1) I  Mechanical data   Material data  Locking material   Zinc die-casting   Material screw connection   Zinc die		
customs tariff number 85444290 GTIN 4048879213318 Packaging unit 1 Electrical data   Supply Operating voltage AC max. 250 V Operating voltage AC (UL-isted) 30 V Operating voltage AC (UL-isted) 30 V Operating voltage AC (UL-isted) 30 V Our 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 AC (UL-isted) 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 Mounting method inserted, screwed, Shaking protection  Mechanical data   Mounting 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.		
GTIN 4048879213318 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 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) 1  Mechanical data   Material data Coating lorking Nickeled Coating of fitting nickel plated Locking affitting nickel plated Locking asterial Developmental Characteristics   Climatic 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  Atention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.		
Peter   Pete	GTIN	4048879213318
Peter   Pete	Packaging unit	1
Operating voltage DC max. 250 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V 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 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  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 (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) 1  Mechanical data   Material data  Coating locking nickel plated  Locking material 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 Protection class can be endangered by excessive bending forces.  Conformity	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  Methanical 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 60684-1) 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.	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 bending 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  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 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 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.	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) 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.		
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 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.		incerted screwed
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.		1
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.		•
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.  Conformity	Mechanical data   Material data	
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		
Material screw connection  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	<u> </u>	· · · · · · · · · · · · · · · · · · ·
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.		
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		Zinc die-casting
Environmental characteristics   Climatic  Operating temperature min.  -25 °C  Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality  Important installation notes  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.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity		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	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
	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: 2024-05-17



stay connected

Installation   Cable	
Cable identification	014
Cable Type	1
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weigth	40,7 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 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	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