

## Y-Distributor M12 male / M12 female 90° A-cod. LED

PVC 3x0.34 ye UL/CSA 3m

Y-connector M12 – M12, 4/3-pole Male straight – females 90° A-coded LED (yellow/green)

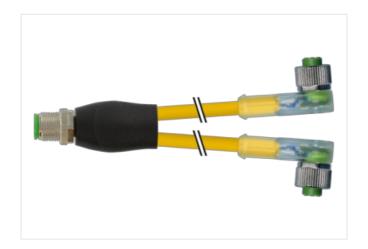
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

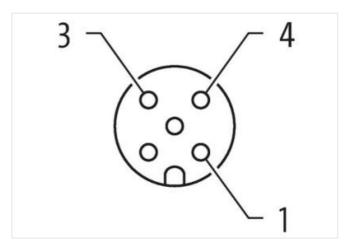
Plastic housings with good resistance against chemicals and oils.

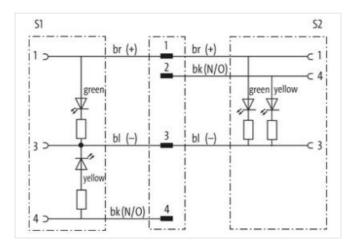
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

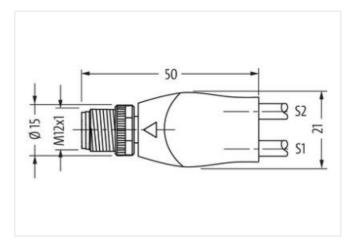
## **Link to Product**

## Illustration



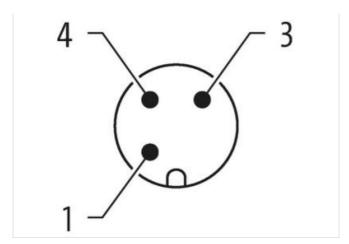


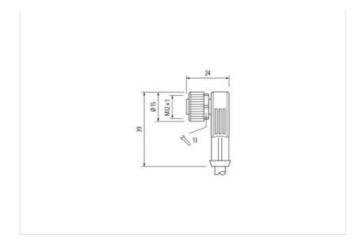






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Product may differ from Image





Cable length	3 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Material contact	Copper alloy
Material	PUR
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 3	
Mounting method	inserted, screwed
Family construction form	M12
No. of poles	3
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
-	

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: 2024-05-19



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ECLASS 11.1         20080313           ECLASS 12.0         27000313           ECLASS 12.0         EC001895           EMM-SO         EC001895           customs suff number         404847933092           Packaging unt         1           Electrical data I Supply         Coperating voltage DC           Operating voltage DC max         30 V           Operating voltage DC max         4 A           Operating voltage DC max         5 mA           Volunting voltage DC max         5 mA           Device portage DC max         MI2 x 1           Device portage DC max         MI2 x 1      <	ECLASS-9.0	27060311
ECLASS-11.0         2000313           ECLASS-12.0         27000013           ETMA 50         ECX001855           Customs tariff number         85464290           GTN         4048879333092           Packaging until         1           Electrical data [Supply         Vocantile Vocantil	ECLASS-10.1	
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customs tariff number         85444290           GTIN         4048879333092           Peckadinginum         1           Electrical datal Supply           Operating voltage DC min.         18 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Operating voltage DC max.         4 A           Current consumption max.         5 mA           Diagnostics         V           Status indication LED         grown, yellow           Installation [Connection         V           Mounting so         M12 x 1           Device protection   Electrical         V           Additional condition protection degree         18 Pet V           Pollution Degree         3           Rated surge voltage         0.8 kV           Material group (EG 6864-1)         I           Mechanical datal Meterial data         I           Coating of filming         nickel pisted           Material group (EG 6864-1)         I           Mechanical datal Meterial data         I           Coating a biding         Nickeled           Coating a biding         Nickeled           Locking material         Anno de-casting           Mechan	ETIM-5.0	
CTIN         4048879330992           Reckaging unit         1           Electricial data   Supply           Operating voltage DC         24 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Operating voltage DC max.         4 A           Current operating per contact max.         4 A           Current operating per contact max.         5 mA           Diagnostics         Status indicator LED         green, yellow           Installation   Connection         Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree         3           Rated surge voltage         0.8 kV           Machinary (EC 60664-1)         1           Mechanical data   Material data         1           Coating locking         Nickeled		
Packaging unit         1           Electrical data   Supply         Coperating voltage DC min.         18 V           Operating voltage DC min.         18 V           Operating voltage DC max. UL-listed)         30 V           Operating voltage DC max. UL-listed)         30 V           Current operating per contact max.         4 A           Current consumption max.         5 mA           Diagnostics         Status indication LED           Installation   Connection         Will X 1           Mounting set         M12 X 1           Device protection   Electrical         Will X 1           Additional condition protection degree         Inserted, screwed           Pollution Degree         3           Raided surge voltage         0,8 kV           Material group (IEC 60664-1)         1           Mechanical data   Mistrial data         Will Americal data   Mistrial data           Coating of rifting         nickel planed           Material gasket         FOM           Locking material         Zinc disc casting           Malerial gasket         FOM           Locking material         Zinc disc casting           Material gasket         FOM           Locking material         Zinc disc casting <th< td=""><td>GTIN</td><td></td></th<>	GTIN	
Operating voltage DC         24 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Operating voltage DC max.         4 A           Current consumption max.         5 mA           Diagnostics           Status indication LED         green, yellow           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Read surge voltage         0,8 kV           Material group (EC 60664-1)         1           Mechanical data   Material data           Use of printing         nickel plated           Mulaterial gasket         FKM           Locking material         Zinc die-casting	Packaging unit	
Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Operating voltage DC max.         4 A           Current operating per contact max.         4 A           Current consumption max.         5 mA           Diagnostics         Status indication LED           Status indication LED         green, yellow           Installation   Connection         M12 x 1           Mounting set         M12 x 1           Pervice protection   Electrical         Power protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0.8 kV           Material group (EC 60664-1)         1           Mechanical data   Material data         Nickeled           Coating boking         Nickeled           Coating boking         Nickeled           Coating boking         Nickeled           Material group (EC 60664-1)         rickele plated           Material group (EC 60664-1)         rickele plated           Material group (EC 60664-1)         rickele plated           Material group (EC 60664-1)         rickele plate pl	Electrical data   Supply	
Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Operating voltage DC max.         4 A           Current operating per contact max.         4 A           Current consumption max.         5 mA           Diagnostics         Status indication LED           Status indication LED         green, yellow           Installation   Connection         M12 x 1           Mounting set         M12 x 1           Pervice protection   Electrical         Power protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0.8 kV           Material group (EC 60664-1)         1           Mechanical data   Material data         Nickeled           Coating boking         Nickeled           Coating boking         Nickeled           Coating boking         Nickeled           Material group (EC 60664-1)         rickele plated           Material group (EC 60664-1)         rickele plated           Material group (EC 60664-1)         rickele plated           Material group (EC 60664-1)         rickele plate pl	Operating voltage DC	24 V
Operating voltage DC max.         39 V           Operating voltage DC max.         (UI-listed)         30 V           Current operating per contact max.         4 A           Current operating per contact max.         5 mA           Status indication LED         green, yellow           Installation   Connection           Mounting set         M12 x 1           Device protection Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0.8 kV           Material group (IEC 69684+1)         1           Mechanical data   Material data           Coating of filting         nickel plated           Material group connection         zinc die-casting           Mounting method         insented, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature min.		
Operating voltage DC max. (UL-listed)         30 V           Current operating per contact max.         4 A           Current consumption max.         5 mA           Diagnostics         Status indication LED           Status indication I Connection         Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         1 inserted, screwed           Pollution Degree         3           Rated surge voltage         0.8 kV           Meternal group (IEC 60684-1)         I           Mechanical data   Material gasket         FKM           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Pervice mental characteristics   Climatic         Coperating temperature mix.         25 °C           Operating temperature max.         85 °C         Coperating temperature range.         85 °C           No		
Current operating per contact max.         5 mA           Current consumption max.         5 mA           Diagnostics         Tevent consumption max.           Status indication LED         green, yellow           Installation   Connection         Munifurged           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         3           Rated surge voltage         0,8 kV           Mechanical datal Material data         I           Mechanical datal Material data           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Zinc die-casting           Multing method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature max.         25 °C           Operating temperature max.         25 °C           Additional condition temperature max.         25 °C           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class		
Current consumption max. 5 mA  Diagnostics  Status indication LED groen, yellow  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degroe is inserted, screwed  Pollution Degroe 3  Rated surge voltage 0,8 kV  Material group (IEC 80684-1) I I  Mechanical data   Material data  Mechanical data   Material data  Coating locking inserted, screwed, Planta   Material gasket   FKM  Locking material   Zinc die-casting   Material screw connection   Zinc die-casting   Methanical data   Material gasket   FKM  Locking material   Zinc die-casting   Methanical data   Mounting data  Methanical data   Mounting data  Methanical data   Mounting data  Methanical data   Mounting data  Material protection   Zinc die-casting   Zinc die-casting		
Status indication LED green, yellow Installation   Connection Wounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed Pollution Degree 3  Rated surge voltage 3, 8 kV  Material group (IEC 60664-1) 1  Mechanical data   Material data Coating of Ritting incident in protection in green in incide plated Material group (IEC 60664-1) 1  Mechanical data   Material data Coating of Ritting incident in incide plated Material gasket FKM Locking material in incide plated Material gasket FKM Multiple method inserted, screwed, Shaking protection  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: Cosenve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard Din El Nichole-2-101 (M12)  Installation   Cable    Jacket Color   Spile    Jacket Color   Spile   Spile		
Status indication LED         green, yellow           Installation   Connection         M12 x 1           Device protection   Electrical         Madditional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Webbanical data   Material data           Coating locking         Nickeled           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Webranical data   Mounting data           Muniting 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         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.	· ·	
Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Deprope 3  Rated surge voltage 0,8 kV  Material group (EC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Material gasket FKM  Locking material Zinc die-casting  Material gasket Sinc die-casting  Material data   Mounting data  Material data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min. 25 °C  Operating temperature max. 25 °C  Operating temperature max. 25 °C  Additional condition temperature range depending on cable quality  Important installation notes  Vote on brain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Note on strain relief Din Kin 61076-2-101 (M12)  Installation   Cable  Cable (Institution)   Cable  Lacket Color   gellow  Type of Certificate   URus  Amount stranding   1  Stranding   3 wires twisted  wire arrangement   brown, black, blue		
Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Mounting members           Coating of litting         nickel plated           Coating of litting         rickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Methanical data   Mounting data         Mounting method           Mechanical data   Mounting data         Mounting method           Mechanical data   Mounting data         Mounting method           Environmental characteristics   Climatic         Coperating temperature min.         25 °C           Operating temperature max.         85 °C         Additional condition temperature range         depending on cable quality           Inportant installation notes         Victoria strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on barding radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity <th< td=""><td>Status indication LED</td><td>green, yellow</td></th<>	Status indication LED	green, yellow
Device protection   Electrical   Inserted, screwed	Installation   Connection	
Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 0,8 kV  Material group (IEC 60684-1) 1  Mechanical data   Material data  Coating locking Nickeled  Coating locking Nickeled  Coating of fitting nickel plated  Material gasket FKM  Material screw connection Zinc die-casting  Methanical data   Mounting data  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  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 Dil Environmental characteristics   Climatic Cobserve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Environmental characteristics   Climatic Cobserve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Environmental characteristics   Climatic Cobserve the permissible bending forces.  Conformity   Climatic Cobserve the permissible bending radii	Mounting set	M12 x 1
Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Mechanical data   Material data Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Material gasket FKM Material gasket PKM Material gasket PKM Material gasket PKM Mounting material Zinc die-casting Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Poperating 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  Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable Type 1 Jacket Color yellow Type of Certificate CURUs Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue	Device protection   Electrical	
Rated surge voltage 0,8 kV Material group (IEC 60664-1) 1  Mechanical data   Material data Coating locking Nickeled Coating of litting nickel plated Material gasket FKM Locking material Zinc die-casting Material serew connection Zinc die-casting Material serew 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  Product standard Din En 61076-2-101 (M12)  Installation   Cable Cable Identification O13 Cable Identification Q13 Cable Identification Q13 Cable Of Certificate CURUs Amount stranding 1 Stranding 3 sivies twisted wire arrangement brown, black, blue	Additional condition protection degree	inserted, screwed
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Mechanical data   Material data         Nickeled           Coating tocking         Nickeled           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Wechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         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         013           Cable identification         013           Cable (Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arr	Rated surge voltage	0,8 kV
Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Mounting method inserted, screwed, Shaking protection  Fuvironmental characteristics   Climatic  Poperating 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 DIN EN 61076-2-101 (M12)  Installation   Cable Cable Identification O13 Cable Type 1 Jacket Color yellow Type of Certificate CURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue	Material group (IEC 60664-1)	ı
Coating of fitting         nickel plated           Material gasket         FKM           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         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         Using the control of	Mechanical data   Material data	
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Material gasket FKM 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  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable Cable identification 013 Cable Type 1 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue	Coating of fitting	nickel plated
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  Installation   Cable  Cable Type  Cable identification  O13  Cable Type  Jene of Certificate  Amount stranding  1  Stranding  3 wires twisted  wire arrangement  brown, black, blue	Material gasket	FKM
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.  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 013  Cable Type 1  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue	Locking material	Zinc die-casting
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 DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 013  Cable Type 1  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue	Material screw connection	Zinc die-casting
Environmental characteristics   Climatic  Operating temperature min. 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.  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 013  Cable Type 1  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted wire arrangement brown, black, blue	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 013  Cable Type 1  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue	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.  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 013  Cable Type 1  Jacket Color yellow  Type of Certificate cuRus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue	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 013  Cable Type 1  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue	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.  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 013  Cable Type 1  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted wire arrangement brown, black, blue	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 013  Cable Type 1  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted wire arrangement brown, black, blue	Additional condition temperature range	depending on cable quality
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 013  Cable Type 1  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted wire arrangement brown, black, blue		
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  013  Cable Type  1  Jacket Color  yellow  Type of Certificate  CURus  Amount stranding  1  Stranding  3 wires twisted  wire arrangement  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Attention:  Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	•	District the connectors by quitable measures from machinical leads as a built-success of sales?
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Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 013  Cable Type 1  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue	·	endangered by excessive bending rorces.
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Cable identification 013  Cable Type 1  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted wire arrangement brown, black, blue		ЫН ЕН 010/0-2-101 (M12)
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Jacket Color     yellow       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue		
Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted wire arrangement brown, black, blue		
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	Stranding	
Cable weigth 34,1 g/m	wire arrangement	
mation in this Product_PDF has been compiled with the utmost care		

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: 2024-05-19



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)	4,6 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	3
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	6 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 § 1090   IEC 60332-2-2   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