

## M12 female recept. B-cod. rear

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 4m

Flange female M12, 2-pole B-coded shielded

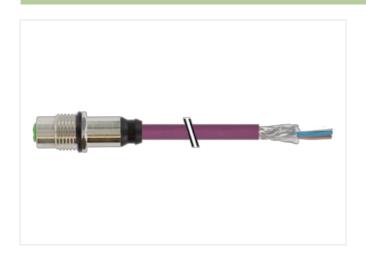
Rear mounting

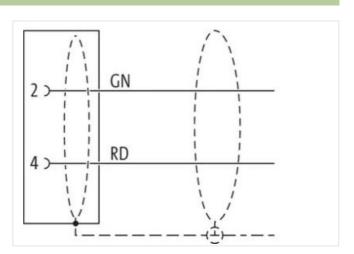
Further cable lengths on request.

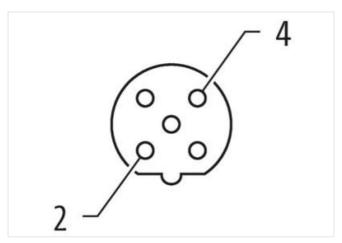
The resistance to aggressive media should be individually tested for your application. Further details on request.

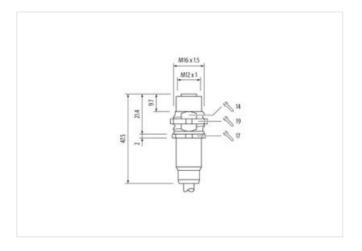
## **Link to Product**

## Illustration









Product may differ from Image





Cable length 4 m

Side 1

0,6 Nm Tightening torque



stay connected

Coating contact	Mounting method	inserted, screwed	
Family construction form         M12 x 1           Coding         B           Material contact         Copper alloy           Material contact         Brass           No. of poiss         2           Degree of protection (FN IEC 60529)         IP67           Side 2           Stroping length (jacket)         20 mm           Coating contact         opid plated           Coating contact           ECLASS-6.0         2774921           ECLASS-7.0         27440103           ECLASS-7.0         27440103           ECLASS-10.1         27440103           ECLASS		·	
Thread         MIEX I           Coding         B           Material cordact         Copor alloy           Material         Brass           No. ol poles         2           Degree of protection (EN IEC 60529)         P67           Side 2         P87           Stripping length (acket)         20 mm           Coating cordact         gold plated           Commercial data         27279221           ECLASS-6.0         27279221           ECLASS-6.1         27279220           ECLASS-7.0         27440103           ECLASS-8.0         27440103           ECLASS-8.0         27440103           ECLASS-1.1         27440103           ECLASS-1.2.0         27440103           ECLASS-1.1         27440103           ECLASS-1.1         27440103           ECLASS-1.1         27440103           ECLASS-1.0         27440103           ECLASS-1.0         27440103           ETIM-5.0         ECO01855           Customatif number         8544529           GTN         AUB487978089           Packaging unit         1           Incertain position protection strupt         4           Operating volta			
Coding         B           Material contact         Copper alloy           Material         Brass           No. of pulses         2           Degree of protection (EN IEC 60529)         PO7           Side 2           Sirpong langth (jacket)         20 mm           Coding content         gold plated           Coding content         gold plated           Coding content         gold plated           Coding content         gold plated           Coding content           COLASS-6.0         27746103           COLASS-7.0         27440103           COLASS-8.0         27440103           COLASS-10.1         27440103           COLASS-10.2         27440103           COLASS-10.1         27440103           COLASS-10.1         27440103           COLASS-10.2         27440103           COLASS-10.2         27440103           COLASS-10.2         27440103           COLASS-10.2         27440103           COLASS-10.2         27440103           COLASS-10.2         <			
Muturial contact         Capper allay           Muturial         Brass           No. of poles         2           Degree of protection (EN IEC 60529)         IP67           Stripping length (jiscker)         20 mm           Cathing contact         gold plated           Commercial data           ECLASS 6.0         27279221           ECLASS 6.1         27279220           ECLASS 6.0         27440103           ECLASS 9.0         ECO1655           custom staff number         BC448290           GTIM 5.0         BC488776689 <th c<="" td=""><td></td><td></td></th>	<td></td> <td></td>		
Material   Brass   Praise			
No. of poles         2           Degree of protection (EN IEC 60529)         IP67           Side 2         IP67           Stripping length (jackdt)         20 mm           Coaling contact         gold plated           Commercial data           ECLASS-6.0         27279221           ECLASS-6.1         27279220           ECLASS-7.0         27440103           ECLASS-8.0         27440103           ECLASS-9.0         27440103           ECLASS-11.1         27440103           ECLASS-12.0         27440103           ECLASS-11.1         27440103           ECLASS-12.0         27440103           ETIM-5.0         E0001865           customs tariff number         85444200           GTIN         4046879760669           Packaging unit         1           Effection         60 V           Operating voltage AC max.         80 V           Operating voltage AC max.         80 V           Operating voltage AC max.         80 V           Operating voltage AC max.			
Degree of protection (EN IEC 60529)         IP67           Side 2         Side 3           Stripping length (lacket)         20 mm           Commercial data           ECLASS-6.0         27279221           ECLASS-6.1         27279220           ECLASS-7.0         27440103           ECLASS-8.0         27440103           ECLASS-9.0         27440103           ECLASS-11.1         27440103           ECLASS-12.0         27440103           ECLASS-11.1         27440103           ECLASS-12.0         27440103           ECLASS-11.1         27440103           ECLASS-12.0         27440103           ECLASS-10.1         27440103 <tr< td=""><td></td><td></td></tr<>			
Side 2           Stripping length (jacket)         20 mm           Coaling contact         gold plated           Commercial dats           ECLASS-6.0         27279221           ECLASS-7.0         27440103           ECLASS-7.0         27440103           ECLASS-8.0         27440103           ECLASS-9.0         27440103           ECLASS-1.1         27440103           ECLASS-1.2.0         27440103           ECLASS-1.8.0         27440103           ECLASS-1.1.0         27440103           ECLASS-1.2.0         27440103           ETIM-5.0         ECRO1855           customs fauff number         8544290           GTIN         4048879760699           Packaging und         1           Electrical data   Supply           Operating voilage AC max.         60 V           Operating voilage DC max.         60 V           Current operating per contact max.         4 A           Diagnostics         Status indication LED           Stripping length (jacket)         20 mm           Mounting septh (jacket)         3.4, SP           Additional condition protection   Electrical         Protection NEMA         3, 4, SP           Additional c		IP67	
Coating contact         gold plated           Commercial data           ECLASS 6.0         27279221           ECLASS 6.1         27279220           ECLASS 7.0         27440103           ECLASS 8.0         27440103           ECLASS 9.0         27440103           ECLASS 9.1.1         27440103           ECLASS 1-1.1         27440103           ECLASS 1-2.0         27440103           ECLASS 1-1.0         ECO01855           CLASS 1-2.0         27440103           ETIM 5.0         ECO01855           CLASS 1-2.0         27440103           ETIM 5.0         ECO01855           GTIN         4048879760669           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Operating voltage PC max.         60 V           Unrent operating per contact max.         4 A           Diagnostics         Stitus indication LED         no           Installation   Connection         Stipping length (gasket)         20 mm           Mounting set         M16 x 1.5         M15 x 1.5           Width across flats         SW19			
Coating contact         gold plated           Commercial data           ECLASS 6.0         27279221           ECLASS 6.1         27279220           ECLASS 7.0         27440103           ECLASS 8.0         27440103           ECLASS 9.0         27440103           ECLASS 9.1.1         27440103           ECLASS 1-1.1         27440103           ECLASS 1-2.0         27440103           ECLASS 1-1.0         ECO01855           CLASS 1-2.0         27440103           ETIM 5.0         ECO01855           CLASS 1-2.0         27440103           ETIM 5.0         ECO01855           GTIN         4048879760669           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Operating voltage PC max.         60 V           Unrent operating per contact max.         4 A           Diagnostics         Stitus indication LED         no           Installation   Connection         Stipping length (gasket)         20 mm           Mounting set         M16 x 1.5         M15 x 1.5           Width across flats         SW19	Stripping length (jacket)	20 mm	
Commercial data           ECLASS-6.0         27279221           ECLASS-7.0         27440103           ECLASS-8.0         27440103           ECLASS-9.0         27440103           ECLASS-9.0.1         27440103           ECLASS-11.1         27440103           ECLASS-11.1         27440103           ECLASS-12.0         27440103           ETIM-5.0         ECO01855           customs tariff rumber         8544290           GTIN         40887976669           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Current operating per contact max.         4 A           Diagnostics         60 V           Situs indication LED         no           Installation   Connection         1           Stripping length (jacket)         20 mm           Mounting set         M16 x 1.5           Width across fats         SW19           Device protection   Electrical         1           Protection NEMA         3. 4, 6P           Additional condition protection degree         3           Rated surge voltage         1, 5 kV           Interial group (IEC 60664-1)         1			
ECLASS-6.0         27279221           ECLASS-6.1         27279220           ECLASS-7.0         27440103           ECLASS-9.0         27440103           ECLASS-9.0         27440103           ECLASS-10.1         27440103           ECLASS-11.1         27440103           ECLASS-12.0         27440103           ECLASS-12.0         ECOMBS5           customs tariff number         85444290           GTIM         4048879760669           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Operating voltage DC max.         4 A           Diagnostics           Status indication LED         no           Institution (Connection           Stripping length (jackel)           Mounting set         M16 x 1.5           Width across flats         SW19           Device protection   Electrical           Protection NEMA           Additional condition protection degree         3           A, 6P           Additional condition protection degree         1,5 kV           Material g		20 × 1,	
ECLASS-0.1         27279220           ECLASS-7.0         27440103           ECLASS-9.0         27440103           ECLASS-9.0         27440103           ECLASS-10.1         27440103           ECLASS-11.1         27440103           ECLASS-12.0         27440103           ETIM-5.0         ECO01855           customs tariff number         85444290           district and supply         60 V           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Current operating per contact max.         4 A           Diagnostics         Status indication LED           Status indication   Connection         V           Installation   Connection         V           Width across liats         SW19           Device protection   Electrical         V           Protection NEMA         3, 4, 6P           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data		07070004	
ECLASS-7.0         27440103           ECLASS-8.0         27440103           ECLASS-9.0         27440103           ECLASS-10.1         27440103           ECLASS-11.1         27440103           ECLASS-12.0         27440103           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879760669           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Current operating per contact max.         4 A           Diagnostics           Status indication LED         no           Installation   Connection           Winding (jacket)           Device protection   Security   Securit			
ECLASS-8.0 27440103 ECLASS-9.0 27440103 ECLASS-1.1 27440103 ECLASS-1.1.1 27440103 ECLASS-1.1.1 27440103 ECLASS-1.2.0 27440103 ETIM-5.0 ECO01855 customs tariff number 85444290 GTIN 4048879760669 Packaging unit 1 Electrical data   Supply Operating voltage AC max. 60 V Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating voltage DC max. 60 V  Diagnostics Status indication LED no Installation   Connection Stripping length (jacket) 20 mm Mounting set M16 x 1.5 Whould be a supply			
ECLASS-9.0         27440103           ECLASS-10.1         27440103           ECLASS-11.1         27440103           ECLASS-12.0         27440103           ETIM-5.0         EC001855           ususioms tariff number         8544290           GTIN         404887976069           Packaging unit         1           Electrical data   Supply           Operating voltage DC max.         60 V           Operating voltage DC max.         60 V           Operating per contact max.         4 A           Diagnostics         Status indication LED           Status indication LED         no           Installation   Connection         Stripping length (jacket)           Stripping length (jacket)         20 mm           Mounting set         M16 x 1.5           Width across flats         SW19           Pevice protection   Electrical         Protection NEMA           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Kekel plated           Coating locking         nickel plated      <			
ECLASS-10.1         27440103           ECLASS-11.1         27440103           ECLASS-12.0         27440103           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048878760669           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Current operating per contact max.         4 A           Diagnostics           Status indication LED         no           Installation   Connection           Strippin length (jacket)         20 mm           Mounting set         M16 x 1.5           Width across flats         SW19           Device protection   Electrical           Protection NEMA         3, 4, 6P           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60684-1)         1           Mechanical data   Material deta         Kell           Coating locking         nickel plated <t< td=""><td></td><td></td></t<>			
ECLASS-12.0         27440103           ECLASS-12.0         27440103           ETIM-5.0         ECO01865           customs tariff number         85444290           GTIN         4048879760669           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Current operating per contact max.         4 A           Diagnostics           Status indication LED         no           Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M16 x 1.5           Width across flats         SW19           Device protection   Electrical           Protection NEMA         3, 4, 6P           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Coating locking           Coating locking         nickel plated           Matorial gasket         FKM           Locking material			
ECLASS-12.0         27440103           ETIM-S.0         EC001855           customs tariff number         85444290           GTIN         4048879760669           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage PC max.         60 V           Current operating per contact max.         4 A           Diagnostics           Status indication LED         no           Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M16 x 1.5           Width across flats         SW19           Device protection   Electrical           Protection NEMA         3, 4, 6P           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Meterial data         Coating locking           Coating locking         nickel plated           Coating locking         nickel plated           Coating locking         Brass			
ETIM-5.0         EC001855           customs tariff number         8544290           GTIN         4048879760669           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Current operating per contact max.         4 A           Diagnostics           Status indication LED         no           Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M16 x 1.5           Width across flats         SW19           Device protection   Electrical           Protection NEMA         3, 4, 6P           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Metrial data         Coating looking           Coating looking         nickel plated           Coating numerial         Brass           Material screw connection         Brass           Mechanical data   Mounting data           Mounting method </td <td></td> <td></td>			
customs tariff number 85444290 GTIN 4048879760669 Packaging unit 1  Electrical data   Supply  Operating voltage AC max. 60 V  Current operating per contact max. 4 A  Diagnostics  Status indication LED no  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M16 x 1.5  Width across flats SW19  Device protection   Electrical  Protection NEMA 3, 4, 6P  Additional condition protection degree inserted, screwed  Pollution Degree 3  Additional condition protection degree inserted, screwed  Pollution Degree 3  Material group (IEC 60664-1)   I  Mechanical data   Material data  Coating locking nickel plated  Material gasket FKM  Material gasker FKM  Material gasket FKM  Material gasker FKM  Material screw connection Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde			
GTIN 4048879760669 Packaging unit 1  Electrical data   Suppty  Operating voltage AC max. 60 V  Operating voltage DC max. 60 V  Current operating per contact max. 4 A  Diagnostics  Status indication LED no  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M16 x 1.5  Wild across fits SW19  Device protection   Electrical  Protection NEMA 3, 4, 6P  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage M15 k V  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking nickel plated  Material gasket FKM  Material gasker FKM  Material gasker FRM  Material screw connection Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde			
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Electrical data   Supply  Operating voltage AC max. 60 V  Operating voltage DC max. 60 V  Current operating per contact max. 4 A  Diagnostics  Status indication LED no  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M16 x 1.5  Width across flats SW19  Device protection   Electrical  Protection NEMA 3, 4, 6P  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking nickel plated  Material gasket FKM  Locking material Brass  Material screw connection Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde	= -		
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Status indication LED no  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M16 x 1.5  Width across flats SW19  Device protection   Electrical  Protection NEMA 3, 4, 6P  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking nickel plated  Coating of fitting nickel plated  Material gasket FKM  Locking material Brass  Material screw connection Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde		4 A	
Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M16 x 1.5  Width across flats SW19  Device protection   Electrical  Protection NEMA 3, 4, 6P  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking nickel plated  Material gasket FKM  Locking material Brass  Material screw connection Brass  Mechanical data   Mounting data   Mounting data   Mounting method Schraubgewinde	Diagnostics		
Stripping length (jacket) 20 mm  Mounting set M16 x 1.5  Width across flats SW19  Device protection   Electrical  Protection NEMA 3, 4, 6P  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking nickel plated  Coating of fitting nickel plated  Material gasket FKM  Locking material Brass  Material screw connection Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde	Status indication LED	no	
Mounting set M16 x 1.5 Width across flats SW19  Protection   Electrical   Protection NEMA 3, 4, 6P Additional condition protection degree inserted, screwed   Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data   Material data   Coating locking nickel plated   Coating of fitting nickel plated   Material gasket FKM   Locking material Brass   Material screw connection Brass   Mechanical data   Mounting data   Mounting method Schraubgewinde	Installation   Connection		
Width across flats  Device protection   Electrical  Protection NEMA  3, 4, 6P  Additional condition protection degree inserted, screwed  Pollution Degree  3  Rated surge voltage  1,5 kV  Material group (IEC 60664-1)  I  Mechanical data   Material data  Coating locking nickel plated  Coating of fitting nickel plated  Material gasket FKM  Locking material  Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde	Stripping length (jacket)	20 mm	
Protection NEMA 3, 4, 6P Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking nickel plated  Coating of fitting nickel plated  Material gasket FKM  Locking material Brass  Material screw connection Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde	Mounting set	M16 x 1.5	
Protection NEMA 3, 4, 6P  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking nickel plated  Coating of fitting nickel plated  Material gasket FKM  Locking material Brass  Material screw connection Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde	Width across flats	SW19	
Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking nickel plated  Coating of fitting nickel plated  Material gasket FKM  Locking material Brass  Material screw connection Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde	Device protection   Electrical		
Pollution Degree 3 Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking nickel plated  Coating of fitting nickel plated  Material gasket FKM  Locking material Brass  Material screw connection Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde	Protection NEMA	3, 4, 6P	
Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking nickel plated  Coating of fitting nickel plated  Material gasket FKM  Locking material Brass  Material screw connection Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde	Additional condition protection degree	inserted, screwed	
Material group (IEC 60664-1)  Mechanical data   Material data  Coating locking nickel plated  Coating of fitting nickel plated  Material gasket FKM  Locking material Brass  Material screw connection Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde	Pollution Degree	3	
Mechanical data   Material data  Coating locking nickel plated  Coating of fitting nickel plated  Material gasket FKM  Locking material Brass  Material screw connection Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde	Rated surge voltage	1,5 kV	
Coating locking nickel plated  Coating of fitting nickel plated  Material gasket FKM  Locking material Brass  Material screw connection Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde	Material group (IEC 60664-1)	I	
Coating of fitting nickel plated  Material gasket FKM  Locking material Brass  Material screw connection Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde	Mechanical data   Material data		
Material gasket FKM  Locking material Brass  Material screw connection Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde	Coating locking	nickel plated	
Locking material Brass  Material screw connection Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde	Coating of fitting	nickel plated	
Material screw connection Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde		FKM	
Mechanical data   Mounting data  Mounting method Schraubgewinde		Brass	
Mounting method Schraubgewinde	Material screw connection	Brass	
	Mechanical data   Mounting data		
Looking techniques Schraubgewinde			
	Looking techniques	Schraubgewinde	
Environmental characteristics   Climatic	Environmental characteristics   Climatic		

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: 2024-05-20



stay connected

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	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Approvals	
JL 50E	yes
Installation   Cable	
·	
wire arrangement	red, green
Cable identification	841
Jacket Color	violet
Type of Certificate	cURus
Amount stranding	1
Stranding	2 wires with 2 Filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
Filler	yes vod groop
vire arrangement	red, green
Cable weigth	70,4 g/m
Material jacket	PUR
Shore hardness jacket	87 ± 3 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	7,7 mm
Folerance outer diameter (sheath)	±5%
Amount wires	2
Outer diameter insulation	2,55 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	60 ± 3 Shore D
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free
Amount strands (wire)	19
Diameter of single wires	24 AWG
Conductor crosssection (wire)	24 AWG
Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	72,2 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electric capacitance	29000 pF/km
Power frequency withstand voltage (wire - acket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404



Bending radius (fixed)	7,5 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Travel speed (C-track)	3 m/s @ 25 °C