

## M12 female recept. A-cod. shielded rear

PUR 8x0.25 shielded gy UL/CSA+drag ch. 0.6m

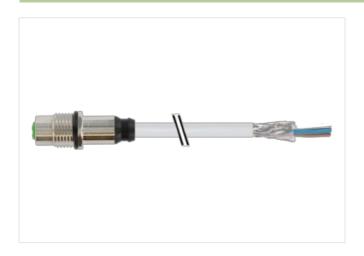
Flange female M12, 8-pole shielded Rear mounting

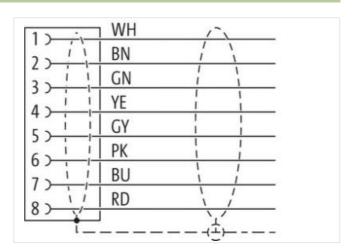
Further cable lengths on request.

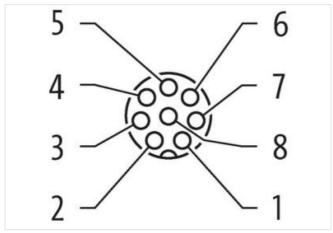
The resistance to aggressive media should be individually tested for your application. Further details on request.

## **Link to Product**

## Illustration







Product may differ from Image









Cable length

0,6 m

Side 1

Mounting method

inserted, screwed



Degree of protection (EN IEC 60529)         IP67           Commercial data         ECLASS-6.0         27279220           ECLASS-6.1         27279220           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         4048879519878           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         30 V           Operating voltage DC max.         30 V           Current operating per contact max.         2 A           installation   Connection         Mounting set           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         0,8 kV	Family construction form	M12
No. of poles         8           Degree of protection (EN IEC 60529)         PP67           Commercial data         PP67           ECLASS 6.0         27793220           ECLASS 7.0         27440103           ECLASS 8.0         27440103           ECLASS 9.0         27440103           ECLASS 10.1         27440103           ECLASS 11.0         27440103           ECLASS 12.0         2740103           EVELICAS 12.0	Coding	A
Pegre of protection (EN IEC 60529)	Material	Brass
Commercial data         ECLASS-6.0         27279220           ECLASS-7.0         27440103           ECLASS-8.0         27440103           ECLASS-9.0         27440103           ECLASS-9.0         27440103           ECLASS-10.1         27440103           ECLASS-11.2         27440103           ECLASS-12.0         27440103           ECLASS-12.0         27440103           ETIM-S.0         ECO01855           Counting fail number         8544290           GTIN         49687951878           Packaging unit         1           Electrical data Supply         1           Operating voltage AC max.         30 V           Current operating per contact max.         2 A           Unstatiation   Connection         30 V           Current operating per contact max.         2 A           Unstatiation   Connection         With across fats           Worth across fats         SW19           Device protection   Electrical         Protection NEMA           Active of the protection of the protection degree         Insented, screwed           Pollution Degree         3           Retet surge, voltage         0,8 V           Material group (IEC 60664-1)         1 <td>No. of poles</td> <td>8</td>	No. of poles	8
ECLASS-6.0         27279220           ECLASS-7.0         27440103           ECLASS-8.0         27440103           ECLASS-10.1         27440103           ECLASS-10.1         27440103           ECLASS-10.1         27440103           ECLASS-11.1         27440103           ECLASS-12.0         27440103           ETIM-5.0         ECO01855           COLASS-12.0         27440103           ETIM-5.0         ECO01855           COLASS-12.0         27440103           ETIM-5.0         ECO01855           COLASS-12.0         27440103           ETIM-5.0         ECO01855           COLATION (ACCOUNTY)         4048079519878           Packaging unit         1           Electrical data I Supply         Electrical data I Supply           Operating voltage AC max.         30 V           Operating voltage DC max.         30 V           Operating per contact max.         2 A           Installation I Connection         Multimate and the second per contact max.           Mounting set         MIEx x 1.5           Mounting set         Multimate and second per contact max.           Policion I Electrical         Ye           Protection I Electrical	Degree of protection (EN IEC 60529)	IP67
ECIASS-6.1         27279220           ECIASS-7.0         27440103           ECIASS-8.0         27440103           ECIASS-9.0         27440103           ECIASS-1.1         27440103           ECIASS-11.1         27440103           ECIASS-12.0         27440103           ECIASS-12.0         2740103           EVERTARIA SURLANDA         30 V           Current of operation per context max.         30 V           EVERTARIA SURLANDA         3.4 EP           Additional condit	Commercial data	
ECLASS-7.0         27440103           ECLASS-8.0         27440103           ECLASS-9.0         27440103           ECLASS-10.1         27440103           ECLASS-12.0         27440103           ECLASS-12.0         27440103           ECLASS-12.0         ECO01855           COLORDATE INTERPRETARY OF CONTROL	ECLASS-6.0	27279220
ECLASS 8.0         27440103           ECLASS 9.0         27440103           ECLASS 9.1         27440103           ECLASS 1.1         27440103           ECLASS 12.0         27440103           ETIM-5.0         EC08185           customs tarif number         85444290           GTIN         404897819878           Packaging unit         1           Electrical data   Supty         Poperating valuege AC max.           Operating valuege AC max.         30 V           Operating valuege AC max.         30 V           Current operating per contact max.         2 A           Very Control Control Control         Width across flats           Width across flats         SW19           Pollucion NEMA         3.4.6P           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rade surge voltage         0,8 kV           Material group (EC 60664-1)         1           Environmental characteristics   Climatics           Environmental characteristics   Climatics           Poperating temperature mix.         25 °C           Operating temperature mix.         25 °C           Operating temperature mix.         25 °C	ECLASS-6.1	27279220
ECLASS-9.0         27440103           ECLASS-10.1         27440103           ECLASS-11.1         27440103           ECLASS-12.0         27440103           ETIM 5.0         EC081855           Locusons tarfi mumber         85444290           GTIN         4048879519878           Packaging unit         1           Electrical data   Supply         V           Operating voltage BC max.         30 V           Operating voltage DC max.         30 V           Operating set Will part of content will be set as a state of content of the set as a state of the set as	ECLASS-7.0	27440103
ECLASS-10.1         27440103           ECLASS-11.1         27440103           ECLASS-12.0         27440103           ETIM-5.0         EC001855           customs staff number         8544290           GTIN         404879519678           Packaging unit         1           Electrical data   Supply         Electrical data   Supply           Operating voltage AC max.         30 V           Operating voltage DC max.         30 V           Current operating per contact max.         2 A           Installation   Connection         Mounting set         M16 x 1.5           Width across flats         SW19           Device protection   Electrical         Protection NEMA         3,4,6 P           Additional condition protection degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         1           Macharial group (IEC 60664-1)         1           Macharial group group contage         0,8 kV           Material surge wonnection         Brass           Environmental characteristics   Climatic           Operating temperature max.         25 °C           Additional condition temperature max.         85 °C           Additiona	ECLASS-8.0	27440103
ECLASS-1.1.1         27440103           ECLASS-12.0         27440103           ECLASS-12.0         27440103           ETIMI-5.0         ECO01855           customs tariff number         8544290           GTIN         4048879519878           Packaging unit         1           Electrical data   Suppty         Operating voltage AC max.           Operating voltage PC max.         30 V           Current operating per contact max.         2 A           Installation   Connection         Installation   Connection           Mounting set         M16 x 1.5           Width across flats         SW19           Device protection   Electrical         SW19           Protection NEMA         3, 4, 6P           Additional condition protection operate         3           Rational growthing on protection degree         3           Rational growthing on protection degree         3           Rational growthing on protection degree         3           Rational formation protection degree         3           Rational Growthing on protection degree         3           Rational growthing (EC 69684-1)         1           Mechanical data   Material data         SC           Coating of fitting         nickel plated	ECLASS-9.0	27440103
ECLASS-12.0         27440103           ETIM-5.0         EC001855           customs taiff number         8544290           GTIN         4048879519878           Packaging unit         1           Electrical data   Supply         V           Operating voltage AC max.         30 V           Operating voltage AC max.         30 V           Current operating per contact max.         2 A           Installation   Connection         V           Mounting set         M16 x 1.5           Width across flats         SW19           Device protection   Electrical         V           Protection Degree         3           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         Coaling of fitting           Environmental characteristics   Climatic         Coaling of fitting           Operating temperature min.         -25 °C           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality	ECLASS-10.1	27440103
ETIM-5.0         EC001855           customs tariff number         85444290           GTIM         40887519878           Packaging unit         1           Electrical data   Supply         Properating voltage AC max.         30 V           Operating voltage DC max.         30 V           Current operating per contact max.         2 A           Installation   Connection         Mounting set         M16 x 1.5           Width across fats         SW19           Device protection   Electrical         Protection NEMA         3, 4, 6P           Additional condition protection degree         inserted, screwed           Pollution Degree         3         3           Rated surge woltage         0,8 kV           Material group (IEC 68664-1)         1           Mechanical data   Material data         Coating of fitting         nickel plated           Material screw connection         Brass           Environmental characteristics   Climatic         Coperating temperature mim.         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 ites.      <	ECLASS-11.1	27440103
customs tariff number         85444290           GTIN         4048679519978           Packaging unit         1           Electrical data   Supply         30 V           Operating voltage AC max.         30 V           Operating per contact max.         2 A           Installation   Connection         Mounting set           Mounting set         M16 x 1.5           Width across flats         SW19           Device protection   Electrical         Protection NEMA           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60984-1)         I           Mechanical data   Marcial data         Coating of fitting           Material screw connection         Brass           Environmental characteristics   Climatic         Coating of fitting           Material screw connection         Brass           Environmental characteristics   Climatic         Coperating temperature mix.           Operating temperature mix.         25 °C           Operating temperature may.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Attention:	ECLASS-12.0	27440103
GTIN         4048879519878           Packaging unit         1           Electrical data   Supply         30 V           Operating voltage AC max.         30 V           Current operating per contact max.         2 A           Installation   Connection         Installation   Connection   Conn		EC001855
Packaging unit         1           Electrical data   Supply         30 V           Operating voltage AC max.         30 V           Current operating per contact max.         2 A           Installation   Connection         Mounting set         Mf 6 x 1.5           Width across flats         SW19           Device protection   Electrical         Frosection NEMA         3, 4, 6P           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 of lifting           Coating of lifting         nickel plated           Material group (IEC 60664-1)         Brass           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.           Conformity         Product standard	customs tariff number	85444290
Electrical data   Supply         30 V           Operating voltage AC max.         30 V           Operating voltage DC max.         30 V           Current operating per contact max.         2 A           Installation   Connection         Installation   Connection           Mounting set         M16 x 1.5           Width across flats         SW19           Device protection   Electrical         Protection NEMA           Additional condition protection degree         inserted, screwed           Politation Degree         3           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Insert and the protection degree           Coating of fitting         nickel plated           Material screw connection         Brass           Environmental characteristics   Climatic         Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Installation   College   College   Col		4048879519878
Operating voltage AC max. 30 V Operating voltage DC max. 30 V Current operating per contact max. 2 A Installation   Connection  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 0,8 kV Material group (IEC 60664-1) I Mechanical data   Material data Coating of filting nickel plated Material screw connection Brass  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 lies.  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)  Approxis UL 50E yes Installation   Cable Cable Type 3	Packaging unit	1
Operating voltage DC max.         30 V           Current operating per contact max.         2 A           Installation   Connection         Mounting set         M16 x 1.5           Width across flats         SW19           Device protection   Electrical         Frotection NEMA         3.4.6P           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60684-1)         I           Mechanical data   Material data         Coating of fitting           Coating of fitting         nickel plated           Material screw connection         Brass           Environmental characteristics   Climatic         Coperating temperature min.           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Frotect 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         In En 61076-2-101 (M12)           Approvals         In En 61076-2-101 (M12)           Cab	Electrical data   Supply	
Current operating per contact max. 2 A  Installation   Connection  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 0, 8 kV  Material group (EC 60664-1) I  Mechanical data   Material data  Coaling of fitting nickel plated  Material screw connection Brass  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.  Controlity  Product standard DIN EN 61076-2-101 (M12)  Approvals  Lable Identification 291  Cable Type 3	Operating voltage AC max.	30 V
Mounting set   M16 x 1.5   Width across flats   SW19	Operating voltage DC max.	30 V
Mounting set M16 x 1.5 Width across flats SW19  Perice protection   Electrical  Protection NEMA 3, 4, 6P 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  Coating of fitting nickel plated Material data  Coating of fitting nickel plated  Material screw connection Brass  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)  Approvals  UL 50E yes  Installation   Cable  Cable Identification 291  Cable Type 3	Current operating per contact max.	2 A
Width across flats    Device protection   Electrical	Installation   Connection	
Protection   Electrical  Protection NEMA 3, 4, 6P  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  Coating of fitting nickel plated  Material screw connection Brass  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)  Approvals  Ut. 50E yes  Installation   Cable  Cable Identification 291  Cable Type 3	Mounting set	M16 x 1.5
Protection NEMA 3, 4, 6P  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  Coating of fitting nickel plated  Material screw connection Brass  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)  Approvais  UL 50E yes  Installation   Cable  Cable Identification 291  Cable Type 3	Width across flats	SW19
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  Coating of fitting nickel plated  Material screw connection Brass  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 barding 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)  Approvals  UL 50E yes  Installation   Cable  Cable identification 291  Cable Type 3	Device protection   Electrical	
Pollution Degree 3 Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating of fitting nickel plated  Material screw connection Brass  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)  Approvals  UL 50E yes  Installation   Cable  Cable identification 291  Cable Type 3	Protection NEMA	3, 4, 6P
Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating of fitting nickel plated  Material screw connection Brass  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)  Approvals  UL 50E yes  Installation   Cable  Cable identification 291  Cable Type 3	Additional condition protection degree	inserted, screwed
Methanical data   Material data  Coating of fitting nickel plated  Material screw connection Brass  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)  Approvals  UL 50E yes  Installation   Cable  Cable identification 291  Cable Type 3	Pollution Degree	3
Mechanical data   Material data  Coating of fitting nickel plated  Material screw connection Brass  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)  Approvals  UL 50E yes  Installation   Cable  Cable identification 291  Cable Type 3	Rated surge voltage	0,8 kV
Coating of fitting nickel plated  Material screw connection Brass  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)  Approvals  UL 50E yes  Installation   Cable  Cable identification 291  Cable Type 3	Material group (IEC 60664-1)	1
Material screw connection Brass  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)  Approvals  UL 50E yes  Installation   Cable  Cable identification 291  Cable Type 3	Mechanical data   Material data	
Environmental characteristics   Climatic  Operating temperature min.  -25 °C  Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Approvals  UL 50E yes  Installation   Cable  Cable identification 291  Cable Type 3	Coating of fitting	nickel plated
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)  Approvals  UL 50E yes  Installation   Cable  Cable identification 291  Cable Type 3	Material screw connection	Brass
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)  Approvals  UL 50E yes  Installation   Cable  Cable identification 291  Cable Type 3	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)  Approvals  UL 50E yes  Installation   Cable  Cable identification 291  Cable Type 3	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  Product standard DIN EN 61076-2-101 (M12)  Approvals  UL 50E yes  Installation   Cable  Cable identification 291  Cable Type 3	Operating temperature max.	85 °C
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity Product standard DIN EN 61076-2-101 (M12)  Approvals  UL 50E yes  Installation   Cable  Cable identification 291  Cable Type 3	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  Product standard  DIN EN 61076-2-101 (M12)  Approvals  UL 50E  yes  Installation   Cable  Cable identification  291  Cable Type  3	Important installation notes	
Conformity Product standard DIN EN 61076-2-101 (M12)  Approvals UL 50E yes Installation   Cable Cable identification 291  Cable Type 3	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standard DIN EN 61076-2-101 (M12)  Approvals  UL 50E yes  Installation   Cable  Cable identification 291  Cable Type 3	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  UL 50E yes  Installation   Cable  Cable identification 291  Cable Type 3	Conformity	
UL 50E yes  Installation   Cable  Cable identification 291  Cable Type 3	Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable  Cable identification 291  Cable Type 3	Approvals	
Cable identification 291 Cable Type 3	UL 50E	yes
Cable Type 3	Installation   Cable	
	Cable identification	291
Jacket Color gray	Cable Type	3
	Jacket Color	gray



stay connected

Type of Certificate	cURus
Amount stranding	1
Stranding	8 wires around Core filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Banding	Fleece, Foil
Filler	yes
wire arrangement	brown, white, red, blue, pink, gray, yellow, green
Cable weigth	78,1 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	7 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	8
Outer diameter insulation	1,2 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	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 / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min