

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

PUR 3x0.34 gy UL/CSA+drag ch. 2m

Y-connector M12 – M12, 4/3-pole Male straight – females 90° A-coded

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

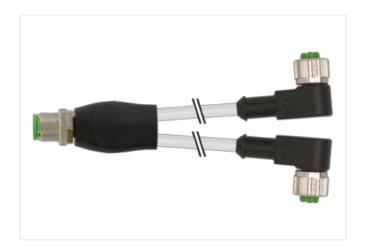
Plastic housings with good resistance against chemicals and oils.

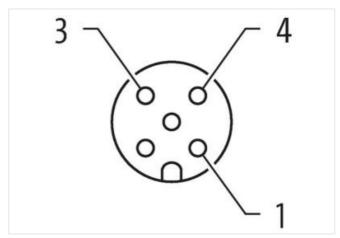
The resistance to aggressive media should be individually tested for your application. Further details on request.

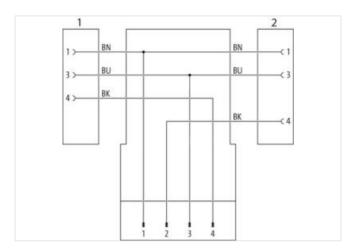
Further cable lengths on request.

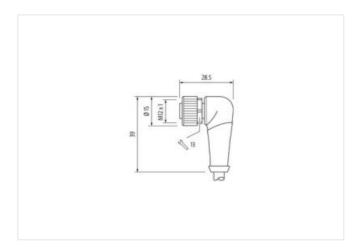
## **Link to Product**

## Illustration



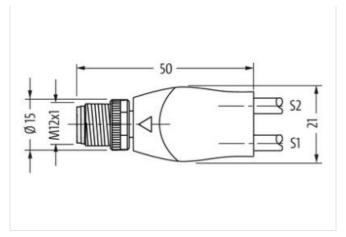


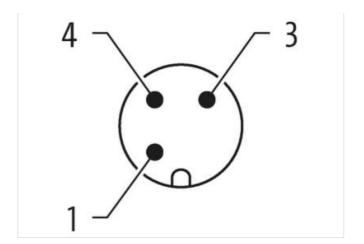






stay connected





Product may differ from Image













Cable length	2 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	
Coding	A	
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	
Coding	A	
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	
Coding	A	
No. of poles	3	
Commercial data		



EGLASS 8.0         2272818           EGLASS 4.0.1         27060311           EGLASS 1.1.1         27060313           EGLASS 1.2.0         27060313           ETIM-5.0         ED00 855           Lactors saff number         8544200           GTIN         4048679105056           Packaging unit         1           Electrical datal Suppy         1           Operating voltage AC max.         250 V           Ceptrating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Courted operating per contact max.         4 A           Diagnostics         Status indication (Connection           Institution (Connection)         M12 x 1           Device protection [Electrical         M20 X           Additional condition protection degree         institution (Connection)           Mountain good (File (Connection)         M2 x 1           Mountain good (File (Connection)         M2 x 1           Mountain good (File (Connection)         M2 x 1           Mountain good (File (Connection)         No kelection (Connection)           Mountain good (File (Connection)         No kelection (Connection)           Mountain good	ECLASS-6.0	27279218
EGLASS 9.0         29969311           EGLASS 10.1         27060313           EGLASS 11.1         27060313           EGLASS 11.1         27060313           EGLASS 11.2         27060313           EGLASS 11.1         4008675           EGLASS 11.1         4048679103056           ETMIS 0         EC001855           customs suffirumbor         8444200           GTIN         4048679103056           Packaging unit         1           Electrical data (Supply)         February (Comparity (Co	ECLASS-7.0	27279218
ECLASS-101         27060313           ECLASS-120         27060313           ETIM-5.0         ECOM 555           customs farfil number         8544290           GTIN         4048679156556           Packaging unit         1           Electrical datal Supply         Operating voltage AC max.         250 V           Operating voltage AC (Mullisted)         30 V           Operating voltage AC (Mullisted)         30 V           Operating voltage DC (Mullisted)         30 V           Installation (Connection)         Mullisted (Mullisted)           Mounting Set         M12 x 1           Device protection (Electrical         Additional condition protection degree           Pollution Degree         3           Rated surg voltage         2,5 kV           Malerial group IEC 600641)         1           Malerial group IEC 6006419         1           Mullerial group IEC 6006419         1           Multerial group IEC 6006419         1           Multerial group in cable in	ECLASS-8.0	27279218
EGLASS.11 1         27060313           ECLASS.12.0         27060313           ETM 5.0         E0001855           customs and number         85444290           GTN         4048879158556           Packaging unit         1           Electrical data I Supply         Coperating voltage AC max.           Operating voltage AC max.         250 V           Operating voltage AC QUL Listed)         30 V           Operating voltage AC politured         30 V           Current operating per contact max.         4 A           Diagnostics         Status indication LED           Status indication   Connection         Multimage at           Mounting set         M12 x 1           Device protection   Electrical         Very Contract of Politure Degree           Additional condition protection degree         inserted, screwed           Politution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Michael and I Material data         2,5 kV           Material group (IEC 60664-1)         1           Michael and I Material data         Politute political           Coating of litting         nickel plated           Multarial political         Zinc	ECLASS-9.0	27060311
ECLASS 12.0         2760313           ETIM-5.0         ECO01855           COLUMENT STATEMENT Mumber         85444290           GTIN         4048279156356           Packaging unit         1           Electrical data   Supply         Packaging voltage AC max.           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage PC (UL-listed)         30 V           Operating voltage PC (UL-listed)         30 V           Operating voltage PC (UL-listed)         30 V           Diagnostics         Status Indication LED           Installation   Connection         no           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree           Follation Degree         3           Radisonal condition protection degree         1           Follation Degree         3           Radisonal growthing         2,5 kV           Machinarial group (IEC 606641)         1           Machinarial data   Material data         Evidence           Coating of belief in         nickel place           Material screw connection         Zinc die-casting           Machinarial data   Mounting data <td< td=""><td>ECLASS-10.1</td><td>27060313</td></td<>	ECLASS-10.1	27060313
ETIM-5.0         EC001885           customs svinf number         85444290           GTIN         4048879150556           Packaging unit         1           Electrical data   Supply         Operating voltage AC max.         250 V           Operating voltage AC (ILI-listed)         30 V           Valuation of Connection         Monthle Connection           Mounting set In Intelligence Control (Intelligence Intelligence I	ECLASS-11.1	27060313
customs tariff number         85444290           GTIN         408879159356           Packaging unit         1           Electrical data   Supply         Packaging voltage AC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC max.         30 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating voltage pc contact max.         4 A           Voltage DC (UL-listed)           Status indication LED         no           Installation   Connection           Modification   Connection           Modification   Connection   Electrical           Additional protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Motional Queries           Modification protection degree         2,5 kV           Motional Queries           Coating to (IEC 606641)         1           Motional Queries           Modification (IEC 606641)           Modificational Queries         PKM	ECLASS-12.0	27060313
Carrier   Carr	ETIM-5.0	EC001855
Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage BC max.         250 V           Operating voltage AC (LL-listed)         30 V           Current operating per contact max.         4 A           Diagnostice         Installation LED           Status indication LED         no           Installation Connection         Installation   Connection   Electrical           Additional condition protection adegree         3           Rated suge voltage         2,5 kV           Meteral group (IEC 6664-1)         1           Meteral group (IEC 6664-1)         1 <td< td=""><td>customs tariff number</td><td>85444290</td></td<>	customs tariff number	85444290
Electrical data   Supply         250 V           Operating voltage AC max.         250 V           Operating voltage AC (IL-listed)         30 V           Operating voltage DC (IL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics           Status indication LED         no           Installation   Connection           Mounting set         M12 X I           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Additional condition protection degree         inserted, screwed           Mechanical data   Material data           Mechanical data   Material data           Coating begins         nickeled           Coating of litting         nickeled           Material grow connection         Zinc die-casting           Mechanical data   Mounting data           Mechanical data   Mounting data           Mechanical data   Mounting data <td>GTIN</td> <td>4048879156356</td>	GTIN	4048879156356
Operating voltage AC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Ourrent operating por contact max.         4 A           Diagnostics         Status indication LED           Installation [ Connection         no           Installation [ Connection         Mulz x 1           Powice protection [ Electrical Deleter of the protection degree of the protection of the protectio	Packaging unit	1
Operating voltage DC max.         250 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics           Status indication LED         no           Installation Connection         M12 X 1           Device protection, Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Image: Control of thirting incident   Material gasket           Coating locking         Nickeled           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         25 °C           Operating temperature max.         45 °C         Gepending temperature min.         25 °C           Operating temperature range         depending on cable quality         Memperature range <td< td=""><td>Electrical data   Supply</td><td></td></td<>	Electrical data   Supply	
Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics           Status indication LED         no           Installation   Connection           Mount of Mounting sat         Material Connection           Mount of Diagnostics           Additional condition protection degree         insented, screwed           Pollution Degree         3           Attention of Degree         4           Attention of	Operating voltage AC max.	250 V
Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics         Image: Contact max of the part of t	Operating voltage DC max.	250 V
Current operating per contact max. 4 A  Diagnostics  Status indication LED no  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Additional condition protection degree 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking nickel plated  Material grasket FKM  Locking material Zinc die-casting  Material grasket FKM  Locking material Mounting data  Mounting material Mounting data   Material data   FKM  Locking material   Zinc die-casting    Mechanical data   Mounting data	Operating voltage AC (UL-listed)	30 V
Diagnostics           Status indication LED         no           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voitage         2.5 k V           Material goup (IEC 60664-1)         I received 60664-1)           Mechanical data   Material data           Coating locking         Nickeled           Coating of litting         nickel plated           Material gasket         FKM           Coding locking         Zinc die-casting           Mechanical data   Mounting data           Mechanical data   Mounting data           Mechanical data   Mounting data           Foreign geneprature min.         -25 °C           Operating temperature max.         -85 °C           Additional condition temperature range         depending on cable quality           Important installation notes      <	Operating voltage DC (UL-listed)	30 V
Status indication LED no  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Material gasket FKM  Locking material gasket FKM  Locking material Screw connection Zinc die-casting  Methanical data   Mounting data  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.  Note on bending radius Attendard by excessive bending forces.  Conformity  Product standard DiN EN 61076-2-101 (M12)  Installation   Cable  Cable (Identification 233  Cable Type 3  Alacket Color gray  Type of Certificate  USA STANDARD ARCHARD ARCHAR	Current operating per contact max.	4 A
Mounting set   M12 x 1	Diagnostics	
Mounting set M12 x 1  Device protection   Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Asterd surge voltage 2,5 kV Material group (IEC 60664-1) I  Mechanical data   Material data Coating of litting nickel plated Material grown or nickel plated	Status indication LED	no
Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60684-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Material gasket FKM  Locking material Zinc die-casting  Material grow connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Coperating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable Type 3  Jacket Color gray  Type of Certificate CURBus	Installation   Connection	
Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  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 Type  3 Jacket Color gray  Type of Certificate  CURus	Mounting set	M12 x 1
Pollution Degree 3 Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating locking Nickeled  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.  Contormity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable Type  3  Jacket Color gray  Type of Certificate  CURus	Device protection   Electrical	
Rated surge voltage 2,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  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 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 (Cable (Ca	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)  Mechanical 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 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 (Cable identification 233 Cable Type 3 Jacket Color gray Type of Certificate cURus	Pollution Degree	3
Mechanical 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   Mounting method   inserted, screwed, Shaking protection   Environmental characteristics   Climatic   Operating temperature min.	Rated surge voltage	2,5 kV
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 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 233 Cable Type 3 Jacket Color gray Type of Certificate CURus	Material group (IEC 60664-1)	I
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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.  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 233  Cable Type 3  Jacket Color gray  Type of Certificate cURsus	Coating locking	Nickeled
Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mechanical 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         Vote 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         233           Cable Type         3           Jacket Color         gray           Type of Certificate         cURus	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  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 233  Cable Type 3  Jacket Color gray  Type of Certificate currents.	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 233  Cable Type 3  Jacket Color gray  Type of Certificate cURus	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.  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 233  Cable Type 3  Jacket Color gray  Type of Certificate curve min25 °C  Operating temperature max25 °C  Operating temperature m	Material screw connection	Zinc die-casting
Environmental characteristics   Climatic  Operating temperature min.  -25 °C  Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 233  Cable Type 3  Jacket Color gray  Type of Certificate currents	Mechanical data   Mounting data	
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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 233  Cable Type 3  Jacket Color gray  Type of Certificate cURus	Environmental characteristics   Climatic	
Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 233  Cable Type 3  Jacket Color gray  Type of Certificate cURus	Operating temperature min.	-25 °C
Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 233  Cable Type 3  Jacket Color gray  Type of Certificate cURus	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)  Installation   Cable  Cable identification 233  Cable Type 3  Jacket Color gray  Type of Certificate cURus	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.  Product standard  DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification  233  Cable Type  3  Jacket Color  gray  Type of Certificate  CIRus	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.  Product standard  DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification  233  Cable Type  3  Jacket Color  gray  Type of Certificate  ClRus	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)  Installation   Cable  Cable identification 233  Cable Type 3  Jacket Color gray  Type of Certificate cURus	Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Installation   CableCable identification233Cable Type3Jacket ColorgrayType of CertificatecURus	Conformity	
Installation   CableCable identification233Cable Type3Jacket ColorgrayType of CertificatecURus	Product standard	DIN EN 61076-2-101 (M12)
Cable Type 3 Jacket Color gray Type of Certificate cURus	Installation   Cable	
Jacket Color gray Type of Certificate cURus	Cable identification	233
Jacket Color     gray       Type of Certificate     cURus	Cable Type	3
	Jacket Color	gray
Amount stranding 1	Type of Certificate	cURus
	Amount stranding	1

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: 2024-05-02



Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth	29,7 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)	4,1 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,25 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)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C   horizontal
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)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 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 § 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
No. of bending cycles (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m