

## M12 female 0° A-cod. with cable shielded

PUR 5x0.34 shielded gy UL/CSA+drag ch. 12.5m

M12, 5-pole Female straight shielded

with cable sleeves

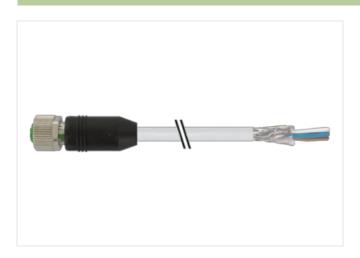
Plastic housings with good resistance against chemicals and oils.

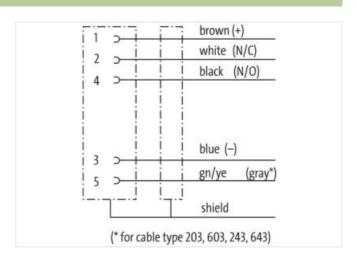
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

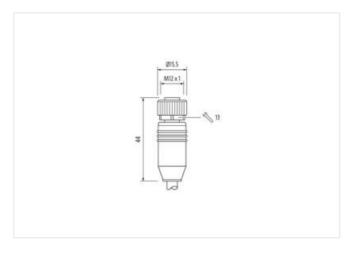
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

12,5 m

Side 1

Tightening torque

0,6 Nm

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: 2024-05-09



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Family construction form	Mounting method	inserted, screwed
Thread         MEX 1           Cobing         A           Material         PUR           Width arous fats         SW13           Digrous of protection (EN EC 60528)         PSE, FPEK, IPG7           Sifting a plant (sched)         20 mm           Commedial data           ECLASS-8.0         22779218           ECLASS-7.0         22779218           ECLASS-8.0         22779218           ECLASS-8.0.1         27000011           ECLASS-10.1         27000011           ECLASS-11.0         27000011           ECLASS-12.0         27090011           ECLASS-12.0         27090011           ECLASS-12.0         27000011           ECLASS-12.0         27000011           ECLASS-12.0         27000011           ECLASS-12.0         27000011           COLASS-10.1         27000011           ECLASS-10.2         27000011           ECLASS-10.2         27000011           COLASS-10.0         27000011           ECLASS-10.1         27000011           ECLASS-10.2         27000011           ECLASS-10.1         1           Exchasterial data [Suppty           Operating values of CRU. Listed		· · · · · · · · · · · · · · · · · · ·
Cable Ouding         A           Maintal         PUR           Width across flats         SW13           Degree of procestor (FN EC 60529)         [P65, P66K, P67]           Side 2         STripping length (facket)         20 mm           Commercial data         Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         2779218           ECLASS-8.0.1         27060311           ECLASS-9.0         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27070311           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27070311           ETM-6.0         ECOLISES           COLASS-1.2.0         27060311           ETM-6.0         ECOLISES           COLASS-1.2.0         27060311           ETM-6.0         ECOLISES           COLASS-1.2.0         27060311           ETM-6.0         ECOLISES           COLASS-1.2.0         27060311           ETM-6.0         ECOLISES           COLORISES         ECOLISES           COLORISES         ECOLISES <tr< td=""><td></td><td></td></tr<>		
Coding         A           Material         PUR           Material         PUR           Worth across flats         SW13           Degree of protection (EN IEC 80529)         IPSE, IPSEK, IPS7           Stripping length (jacker)         20 mm           Commercial data           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         2779218           ECLASS-8.0         2779218           ECLASS-8.0         2779218           ECLASS-8.0         2779218           ECLASS-10.1         27063311           ECLASS-11.1         27063311           ECLASS-12.0         2706311           ECLASS-12.0		
Material         PUR           Width across flats         SW13           Side 2           Stroping length (soket)         20 mm           Commercial data         Commercial data           ECLASS-6.0         27278218           ECLASS-7.0         27279218           ECLASS-8.0         2779218           ECLASS-9.0         27090311           ECLASS-9.1         27090311           ECLASS-1.1         27090311           ECLASS-1.2.0         40487947420           Packagary unit         1           Electrical data   Supply         0           Operating voltage AC max.         60 V           Operating voltage AC		
Width across flats         SW13           Degree of protection (EN IEC 60529)         IPS6, IP66K, IP67           Side 2         Freping length (lacket)         20 mm           Commercial data           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27040311           ECLASS-9.1         27040311           ECLASS-1.1         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.1         4048270           CTIN         4048270           CTIN         4048270           CTIN         4048270           Operating voltage DC max.         60 V           Operating voltage CD max.         60 V           Operating voltage DC max.         40 V           Operating voltage proby		
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Side 2           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27060311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-13.0         27060311           ECLASS-14.1         27060311           ECLASS-17.0         27060311           ECLASS-18.0         27060311           ECLASS-19.0         27060311           ECLASS-11.1         27060311           ECLASS-19.0         27060311           Eclassion of Commercial Commercia		
Stripping length (jacket)   20 mm		1P65, 1P66K, 1P67
Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27050311           ECLASS-9.1         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.0         27060311           ETIM-5.0         ECO01865           customs turif rumber         85444290           GTIN         4048879547420           Packaging unit         1           Electrical data Supply         1           Electrical data Supply         1           Perating voltage AC max.         60 V           Operating voltage AC (IL-lieted)         30 V           Operating v	Side 2	
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ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETM-5.0         EC01855           customs staff number         85444290           GTIN         404879547420           Packaging unit         1           Electrical data   Supply         V           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Institution   Connection         Stripping length (tacket)           Stripping length (tacket)         20 mm           Mounting act         M12 x 1           Gender         female           Device protection   Electrical           Additional condition protection degree         3           Rated surge up (IEC 60684-1)         1           Mechanical data   Material data         Victorial           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking	Commercial data	
EOLASS-8.0         27279218           EOLASS-9.0         27060311           EOLASS-10.1         27060311           EOLASS-11.1         27060311           EOLASS-12.0         27060311           ETIM-5.0         ECO01855           outsoms tarff rumber         85444280           GTIN         4048879847420           Packaging unit         1           Electrical data   Suppty         1           Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Operating voltage DC max.         60 V           Operating voltage DC (UL-listed)         30 V           Richard Condition protection and max         4 A           Institution I Connection         M12 x 1           Gender         female           Device protection I Electrical         Additional condition protection degree           Pollution Degree         3           Rete ds urge voltage         1	ECLASS-6.0	27279218
ECLASS 9.0         27060311           ECLASS 9.0.1         27060311           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 9.2.0         27060311           ETIM 5.0         EC001855           customs tarff number         8544290           GTN         4048879547420           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage AC (UL-lised)         30 V           Operating voltage DC max.         60 V           Operating voltage DC (UL-lised)         30 V           Current operating per contact max.         4 A           Installation   Connection         30 V           Current operating per contact max.         4 A           Installation   Connection         MI2 x 1           Gender         female           Device protection   Electrical           Additional condition protection degree         3           Pollution Degree         3           Rated surge voltage         1,5 kV           Macrial group (EC 6064-1)         1           Mechanical data   Material data           Coating ocking         Nickeled	ECLASS-7.0	27279218
ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         404887547420           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection           Stripping longth (jacket)         20 mm           Mounting set         M12 x 1           Berefit (see lease)           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 80684-1)         1	ECLASS-8.0	27279218
ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         EC001855           customs tariff number         85444290           GTIN         4048879547420           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Oursent operating per contact max.         4 A           Installation   Connection         Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Gender         female           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Referred in protection   Electrical degree         inserted, screwed           Pollution Protecting (EC 50684-1)         I           Mechanical data         I           Contang of fitting         nickel plated           Locking material         Zinc die-casting           Me	ECLASS-9.0	27060311
ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879547420           Packaging unit         1           Electrical data   Supply         0           Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         Strippin length (jacket)           Strippin length (jacket)         20 mm           Mounting set         M12 x 1           Gender         female           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         I           Mechanical data         Wickeled           Contour for corrugated hose         without           Mechanical data   Material street         Zinc die-casting           Mechanical data   Material data         Zinc die-casting           Mechanical data	ECLASS-10.1	27060311
ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879547420           Packaging unit         1           Electrical data   Supply         V           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         Installation   Connection           Stripping length (jackat)         20 mm           Mounting set         M12 x 1           Gender         tenale           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         3           Rated surge voltage         1,5 kV           Material group (IEC 50664-1)         1           Mechanical data         Incompany           Mechanical data   Material data         Vickeled           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material Hounting data         Material serve vonnec	ECLASS-11.1	27060311
customs tariff number         85444290           GTIN         4048879547420           Packaging unit         1           Electrical data   Suppty           Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating per contact max.         4 A           Installation   Connection         Stripping length (jacket)           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Gender         female           Pellution Degree         3           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60684-1)         1           Mechanical data         Without           Mechanical data   Material data         Without           Contury for corrugated hose         without           Mechanical data   Material data         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         inserted, screwed, Shaking protection	ECLASS-12.0	27060311
GTIN 404879547420 Packaging unit 1 Electrical data   Supply Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage DC max. 4 A  Installation   Connection  Stripping length (jacket) 20 mm Mounting set M12 x 1 Gender female  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60684-1) 1  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating of fitting nickel plated  Locking material  Zinc die-casting  Material screw connection  Zinc die-casting  Meterial screw connection  Zinc die-casting  Meterial screw connection  inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Coperating temperature min. 25 °C Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality	ETIM-5.0	EC001855
Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         University (Jacket)           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Gender         female           Poliutional condition protection degree         inserted, screwed           Poliution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data         Without           Mechanical data   Material data         Without           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Vinc die-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         25 °C           Operating temperature max.	customs tariff number	85444290
Pectating voltage AC max. 60 V	GTIN	4048879547420
Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating voltage AC (LL-listed) 30 V Operating voltage AC (LL-listed) 4 A  Installation   Connection  Stripping length (jacket) 20 mm Mounting set M12 x 1 Gender female  Device protection   Electrical  Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating locking nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Munting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality	Packaging unit	1
Operating voltage DC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A            4 A            4 A            4 A            4 A            4 A            4 A            4 A            4 A            4 A            4 A            4 A            4 A            4 A            8 S C            4 A            4 S V            4 S V            4 S V            4 S V            4 S V	Electrical data   Supply	
Operating voltage DC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A            4 A            4 A            4 A            4 A            4 A            4 A            4 A            4 A            4 A            4 A            4 A            4 A            4 A            8 S C            4 A            4 S V            4 S V            4 S V            4 S V            4 S V	Operating voltage AC max.	60 V
Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1 Gender female  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material 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		60 V
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Current operating per contact max. 4 A  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Gender female  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material 2 iz nickel plated  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality		30 V
Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Gender female  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Screw connection Zinc die-casting  Mechanical data   Mounting data  Mechanical data   Mounting da		4 A
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Gender female  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality		
Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material screw connection Zinc die-casting  Methanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality		
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Material group (IEC 60664-1)  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality		
Mechanical data   Material data    Coating locking Nickeled    Coating of fitting nickel plated    Locking material Zinc die-casting    Material screw connection Zinc die-casting    Mechanical data   Mounting data    Mounting method inserted, screwed, Shaking protection    Environmental characteristics   Climatic    Operating temperature min25 °C    Operating temperature max. 85 °C    Additional condition temperature range    depending on cable quality		יא ט, ו
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Mechanical data   Material data  Coating locking  Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality		
Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality	Contour for corrugated hose	without
Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality	Mechanical data   Material data	
Locking material  Material screw connection  Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.  -25 °C  Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality	Coating locking	Nickeled
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	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	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	Material screw connection	Zinc die-casting
Environmental characteristics   Climatic  Operating temperature min.  Operating temperature max.  Solutional condition temperature range  depending on cable quality	Mechanical data   Mounting data	
Operating temperature min.  -25 °C  Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Environmental characteristics   Climatic	
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Operating temperature min.	-25 °C
Additional condition temperature range depending on cable quality		85 °C
		depending on cable quality

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: 2024-05-09



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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.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	
Cable identification	243
Cable Type	3
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Banding	Fleece, Foil
Filler	· · · · · · · · · · · · · · · · · · ·
	yes brown block blue white gray
wire arrangement  Traversing distance (C-track)	brown, black, blue, white, gray  5 m @ 25 °C   horizontal
Traversing distance (C-track)  Cable weigth	
Jable weigth  Material jacket	57,2 g/m PUR
<u> </u>	
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	5,6 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	5
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
ngredient 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
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	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
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 / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Fravel speed (C-track)	5 Mio. @ 25 °C



No. of torsion cycles	2 Mio.	
Torsion stress	± 30 °/m	
Torsion speed	35 cycles/min	