

## M8 male 90° A-cod. with cable

PUR 3x0.25 bk UL/CSA+drag ch. 7.5m

Male 90° M8, 3-pole with cable sleeves

Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

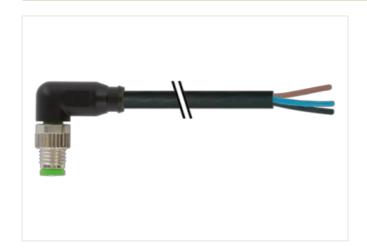
Plastic housings with good resistance against chemicals and oils.

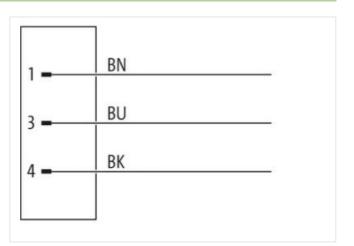
The resistance to aggressive media should be individually tested for your application. Further details on request.

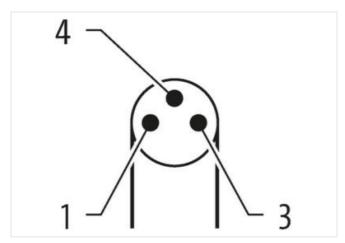
Further cable lengths on request.

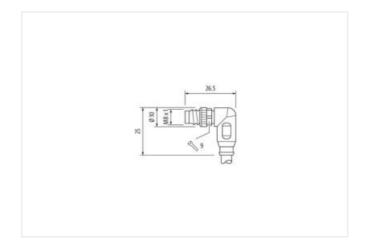
## **Link to Product**

## Illustration









Product may differ from Image











Cable length

7,5 m

Side 1

Tightening torque

0,4 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: 2024-06-26



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Family construction form         M8           Thread         M8 x 1           subtable for corrupated tube (internal 0)         6.5 mm           Cable cutlet         angled           Coding         A           No. of poles         3           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Stripping length (jacket)         20 mm           Family construction from         free cable end           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-10.2         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-13.1         4048879232326           Packaging unit         1           Electrical datal Supply           Operating voltage AC max.         50 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V <th>Mounting method</th> <th>inserted, screwed</th>	Mounting method	inserted, screwed
Tread		·
Satistation for corruptated tuble (internal 6)         8,5 mm           Cable outliet         angled           Coding         A           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN EC 60529)         IPSs. (Pek. (P67)           Side 2         Stripping plength (lacker)         20 mm           Family construction form         fee cable and           Commercial data         27279218           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 9.0         27090311           ECLASS 9.0         27090311           ECLASS 9.0         27090311           ECLASS 9.1         27090311           ECLASS 9.1         27090311           ECLASS 9.1         27090311           ECLASS 9.1         27090311           ECLASS 9.2         27090311           ECLASS 9.1         27000311           ECLASS 9.1         27000311           ECLASS 9.1		
Cabbo outlet         angled           Coding         A           Material         PUR           No. of poles         3           Worth across filas         SW9           Degree of protection (EN IEC 60529)         1958, IFSBK (IPS?           Sifte 2         Stropping length (locket)         20 mm           Family construction form         foo cable ord           Commercial data         Commercial data           ECLASS-R.0         27279218           ECLASS-R.0         27279218           ECLASS-R.0         27279218           ECLASS-R.0         27279218           ECLASS-R.1         27000311           ECLASS-R.1         27000311           ECLASS-R.1         27000311           ECLASS-R.1.1         27000311           ECLASS-R.2.0         27000311           Electrical data [Supply           Operating voltage AC max.		
Coding         A           Material         PUR           Method and Servations         SWB           Degree of protection (ENEG 60529)         IPS6, IP66K, IP67           Side 2           Strong longth (jacket)         20 mm           Family construction form         fee cable and           Commercial data           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27279218           ECLASS 8.0         27279218           ECLASS 8.0         27279218           ECLASS 8.0         27279218           ECLASS 8.0         27279218           ECLASS 9.0		· · · · · · · · · · · · · · · · · · ·
Material         PUR           No. of poles         3           Witch across flats         SW0           Degree of protection (EN IEC 60529)         IPSE, IPSER, IPST           Witch across flats         SW0           Stripping longth (jacknot)         20 mm           Family construction form         fee cable end           Commercial data         CCCCANS-8.0           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27090311           ECLASS-10.1         27090311           ECLASS-10.1         27090311           ECLASS-11.1         27090311           ECLASS-12.0         27090311           ECLASS-10.1         27090311           ECLASS-10.2         27090311           ECLASS-10.3         27000311           ECLASS-10.1         27000311           ECLASS-10.1         27000311		
No. of poles         3           Widh acoss faits         SW9           Degree of protection (RNEC 60529)         IP85, IP86K, IP87           Side 2         Strong Protection (RNEC 60529)           Subping length (lacket)         ree cable end           Commercial data         Commercial data           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 8.0         27270218           ECLASS 8.0         27270218           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 9.1         27060311           ECLASS 9.2         27060311           ECLASS 9.3         27060311           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 9.1         27060311           ECLASS 9.2         27060311           ECLASS 9.3         27060311           ECLASS 9.4         27060311           ECLASS 9.5         27060311           ECLASS 9.6         27060311           ECLASS 9.7         27270218           ECLASS 9.8         27060311           ECLASS 9.8         27060311           ECLASS 9.2         27060311 <td></td> <td></td>		
Width arose flats         SW9           Degree of protection (EN IEC 60529)         P96, IP66K, IP67           Side 2         Stripping length (jacked)         20 mm           Stripping length (jacked)         20 mm           Family construction from the cabile and           Commercial data           ECLASS-6.0         27278218           ECLASS-7.0         27278218           ECLASS-8.0         27278218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-1.1         27060311           ECLASS-1.2.         27060311           ECLASS-1.2.         27060311           ECLASS-1.0         <		
Orgene of protection (EN IEC 60529)         IP66, IP66K, IP67           Side 2           Singplang langth (jacket)         20 mm           Family construction form         fee dable end           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-11.1         27060311           ECLASS-11.1         27060311           ETIM-5.0         E001855           customs staff number         68144290           GTIN         40879232326           Packaging unit         1           Electrical data I Supply         Operating voltage AC max.           Operating voltage AC max.         50 V           Operating voltage AC (IU-listed)         30 V           Operating voltage PC max.         60 V           Operating voltage PC max.         4 A           Diagnostic           Situs indication LED         no           Installation   Connection         M8 x 1           Device protection   Electrical           Additional condition protection degree         inserted,		
Side 2           Singping length (jacket)         20 mm           Family construction form         fee cable end           Commercial data	Degree of protection (EN IEC 60529)	
Family construction form		
Family construction form	Stripping length (jacket)	20 mm
ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27000311           ECLASS-10.1         27000311           ECLASS-11.1         27000311           ECLASS-12.0         27000311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879232326           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Diagnostics         Status indication LED         no           Stratus indication protection degree         M8 x 1           Device protection   Electrical         A8 x 1           Additional condition protection degree         inserted, screwed           Pollution Degree <t< td=""><td>Family construction form</td><td>free cable end</td></t<>	Family construction form	free cable end
ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27000311           ECLASS-10.1         27000311           ECLASS-11.1         27000311           ECLASS-12.0         27000311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879232326           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Diagnostics         Status indication LED         no           Stratus indication protection degree         M8 x 1           Device protection   Electrical         A8 x 1           Additional condition protection degree         inserted, screwed           Pollution Degree <t< td=""><td>Commercial data</td><td></td></t<>	Commercial data	
ECLASS 7.0         27279218           ECLASS 8-0         27279218           ECLASS 9.0         27060311           ECLASS 10.1         27060311           ECLASS 11.1         27060311           ECLASS 12.0         27060311           ETIM-5.0         ECO1855           customs tariff number         85444290           GTIN         4048879232326           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         80 V           Operating voltage AC (UL-listed)         80 V           Operating voltage AC (UL-listed)         80 V           Operating logiting per contact max.         4 A           Status indication LED         no           Installation   Connection         Status indication Resear		27270218
ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         EC001855           customs tariff number         95444290           GTIN         4048879232326           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage AC (**Max.**)         60 V           Operating voltage DC max.         60 V           Operating voltage DC (**U-listed**)         30 V           Operating voltage DC (**Westor**)         8           Stripping length (**jacket**)         0           Nounting set         Max x           Developmenting voltage (**Colspan***)           Additional condition p		
ECLASS 1-0.1         27060311           ECLASS 1-0.1         27060311           ECLASS 1-1.0         27060311           ECLASS 1-2.0         27060311           ETIM-5.0         ECO01855           customs tariff number         85444290           GTIN         4048879232326           Packaging unit         1           Electrical data   Supply           Operating voltage DC max.         50 V           Operating voltage DC max.         50 V           Operating voltage DC (UL-listed)         30 V           Distance of the colspan="2">Distance of the colspa		
ECLASS-10.1         27060311           ECLASS-11.0         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444200           GTIN         4048798232326           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage DC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage PC (UL-listed)         30 V           Operating per contact max.         4 A           Diagnostics         Status indication LED           Status indication   Connection         Insatlation   Connection           Stipping length (gacket)         20 mm           Mounting set         M8 x 1           Device protection   Electrical         Additional condition protection degree           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Incikel plated           Coating locking         Nickeled           Coating of litting         nickel plated           Locking material         Zinc die-casting           Material servew co		
ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879232326           Packaging unit         1           Electrical data   Supply         Operating voltage AC max.         50 V           Operating voltage DC max.         60 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating ber contact max.         4 A           Diagnostics           Status indication LED         no           Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M8 x 1           Device protection   Electrical           Addition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data           Coating locking         Nickeled           Coating lockin		
ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879232326           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating per contact max.         4 A           Diagnostics           Status indication LED         no           Installation   Connection           Stripping length (jacket)         0 mm           Mounting set         M8 x 1           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   Material data           Coating locking         Nickeled           Coating locking         nickel plated           Locking material         Zinc die-casting		
ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879232326           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage DC (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           Stripping length (jacket)         20 mm           Mounting set         M8 x 1           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   Material data         Coating locking           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Brass           Mechanical data   Mounting method         inserted, screwed, Shaking protection           Environmental ch	ECLASS-12.0	
GTIN         4048879232326           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage DC max.         60 V           Operating voltage DC (uL-listed)         30 V           Operating voltage DC (uL-listed)         30 V           Ourseling voltage DC (uL-listed)         30 V           Operating voltage DC (uL-listed)         30 V           Ourseling voltage DC (uL-listed)         30 V           User an inclusion LED         no           Installation   Connection         Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M8 x 1           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   Material data         Vickeled           Coating locking         Nickeled           Coating of litting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Brass           Mechanical da		
GTIN         4048879232326           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage DC max.         60 V           Operating voltage DC (uL-listed)         30 V           Operating voltage DC (uL-listed)         30 V           Ourseling voltage DC (uL-listed)         30 V           Operating voltage DC (uL-listed)         30 V           Ourseling voltage DC (uL-listed)         30 V           User an inclusion LED         no           Installation   Connection         Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M8 x 1           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   Material data         Vickeled           Coating locking         Nickeled           Coating of litting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Brass           Mechanical da	customs tariff number	
Pelectrical data   Supply   Supprise   Sup	GTIN	
Pelectrical data   Supply   Supprise   Sup	Packaging unit	1
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Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics           Status indication LED         no           Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M8 x 1           Device protection   Electrical           Additional condition protection degree           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)           Installation   Material data           Coating locking         Nickeled           Coating locking         Nickeled           Coating fitting         nickel plated           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature min.         -25 °C		
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Status indication LED no  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M8 x 1  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   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Surge wonection Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C		
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Stripping length (jacket) 20 mm  Mounting set M8 x 1  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   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C		no
Mounting set M8 x 1  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   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C	Installation   Connection	
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   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C	Stripping length (jacket)	20 mm
Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C	Mounting set	M8 x 1
Pollution Degree 3 Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C	Device protection   Electrical	
Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)  Mechanical data   Material data  Coating locking  Nickeled  Coating of fitting  nickel plated  Locking material  Zinc die-casting  Material screw connection  Brass  Mechanical data   Mounting data  Mounting method  inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.  -25 °C	Pollution Degree	3
Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C	Rated surge voltage	1,5 kV
Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C	Material group (IEC 60664-1)	1
Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C	Mechanical data   Material data	
Locking material  Material screw connection  Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.  -25 °C		Nickeled
Material screw connection Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C		nickel plated
Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C		Zinc die-casting
Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C	Material screw connection	Brass
Environmental characteristics   Climatic  Operating temperature min25 °C	Mechanical data   Mounting data	
Operating temperature min25 °C	Mounting method	inserted, screwed, Shaking protection
	Environmental characteristics   Climatic	
Operating temperature max. 85 °C	Operating temperature min.	-25 °C
	Operating temperature max.	85 °C

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: 2024-06-26



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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
Note on bending radius	endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-104 (M8)
Installation   Cable	
wire arrangement	brown, black, blue
Cable identification	630
Cable Type	3
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth	26,4 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)	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
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	79 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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
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
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Travel speed (C-track)	3 m/s @ 25 °C



No. of torsion cycles	2 Mio.	
Torsion stress	± 180 °/m	
Torsion speed	35 cycles/min	