

M8 female 0° A-cod. with cable

PUR 4x0.25 gy UL/CSA 40m

⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Female straight

M8, 4-pole

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

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

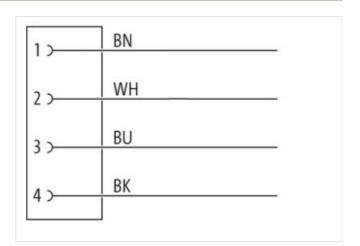
The resistance to aggressive media should be individually tested for your application. Further details on request.

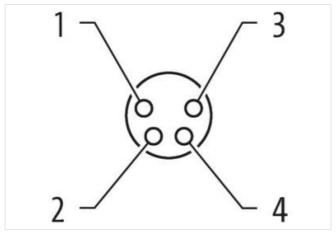
Further cable lengths on request.

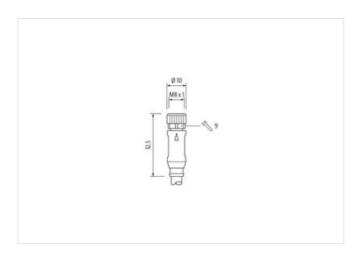
Link to Product

Illustration









Product may differ from Image













stay connected

Society A A A A A A A A A	Cable length	40 m
Mounting method	Side 1	
Mounting method	Tightening torque	0.4 Nm
Coeling contend. gold pleided Franke construction from M8 x 1 Franke and the financial of the contrugated tube (internal O) of 5.5 mm 6.5 mm Coding A Material contents Capper alloy More and content Capper alloy Width across flats SW9 PUR Width across flats Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP68K, IP67 Sife 2 Sife 2 Stripping length (qacket) 20 mm Coulting contact gold plated Family construction form the cable and Commercial date CECLASS 6.0 ECLASS 7.0 27279218 ECLASS 7.0 27279218 ECLASS 8.0 27060311 ECLASS 8.0 27060311 ECLASS 8.1.1 27060311 ECLASS 8.1.2 27080311 ECLASS 9.0 27060311 ECLASS 9.0 27060311 ECLASS 9.0 27060311 ECLASS 9.0 27060311 ECLASS 9.0		· · · · · · · · · · · · · · · · · · ·
Family construction form M8 Thread M8 X 1 Thread M8 X 1 Thread M8 X 1 M8 X 1 Malested or congated tube (internal O) 6.5 mm Coding A Meterial Contact Cooperativy Meterial PUR Meterial PUR Meterial PUR Meterial PUR Meterial Optional A M8 X 1 Meterial Contact Cooperativy Meterial PUR Meterial PUR Meterial PUR Siripping length (jacket) 20 mm Coding contact George Georg		· · · · · · · · · · · · · · · · · · ·
Triesci		
A Material contact Copperations Material contact Copperations Material contact Copperations No. of polos 4 Midth across flats SW9 Degree of protection (EN IEC 60529) P95, IP96K, IP97 Side 2 Stripping length (isoket) 20 mm Containg contact gold plated Family construction form free cable end Commercial date ECLASS 6.0 27279218 ECLASS 6.1 27279218 ECLASS 6.1 27279218 ECLASS 7.0 27279218 ECLASS 8.0 27279218 ECLASS 8.0 27279218 ECLASS 8.0 27060311 ECLASS 8.0 27060311 ECLASS 8.1 27060311 ECLASS 1.1 27060311 ECLASS 1.1 27060311 ECLASS 1.1 27060311 ECLASS 1.2 27060311 ECLASS 1.2 27060311 ECLASS 1.3 27060311 ECLASS 1.4 27060311 ECLASS 1.5 27060311 ECLASS 1.5 27060311 ECLASS 1.6 27060311 ECLASS 1.7 27060311 ECLASS 1.8 27060311 ELECTRIC 1.8 2706	Thread	M8 x 1
Meterial (oralization and content) Copper alloy Material (oralization and Material) PUR No. of poles (oralization and Material) 4 Width across flats (oralization and Material) SW9 Degree of protection (EN IEC 60529) IP65, IP65, IP67 Siripping length (jackat) 20 mm Conting contact (oralization form) pole plated Family construction form (oralization) free cable end Commercial data ECLASS-6.0 2779218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.2 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 Deutstoms tariff number 65444290 GTIN 4048879440518 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage CUI, I-isted) 30 V </td <td>suitable for corrugated tube (internal Ø)</td> <td>6,5 mm</td>	suitable for corrugated tube (internal Ø)	6,5 mm
Material PUR No. of poles 4 Width across fiats SW9 Degree of protection (EN IEC 60529) IP05, IP66K, IP67 Side 2 Side 2 Simpling length (iacket) 20 mm Coaling contact gold plated Family construction form The cable and Commercial data Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27060311 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 E001885 sustoms staff number 85444290 GTIN 4048879448518 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage OC max. 60 V Operating voltage OC [UII-sitested] <td>Coding</td> <td>A</td>	Coding	A
No. of poles	Material contact	Copper alloy
Width across flats SW9 Degree of protection (EN IEC 60529) IP65, P66K, IP67 Side 2 IP65, P66K, IP67 Stripping length (jacket) 20 mm Coaling contact gold plated Family construction form fee cable end Commercial date IP65, P66K, IP67 ECLASS 6.0 27279218 ECLASS 6.1 27279218 ECLASS 7.0 27279218 ECLASS 7.0 27279218 ECLASS 9.0 27060911 ECLASS 9.0 27060911 ECLASS 9.1.1 27060911 ECLASS 9.2.0 27060911 ECLASS 9.1.0 27060911 ECLASS 9.2.0 27060911 ECLASS 9.3 27060911 ECLASS 9.4.0 27060911 ECLASS 9.1.1 27060911 ECLASS 9.2.0 27060911 ECLASS 9.3.1 27060911 ECLASS 9.3.2.0 27060911 ECLASS 9.3.3 27060911 ECLASS 9.4.1 27060911 ECLASS 9.4.2.0 27060911 ECLAS	Material	PUR
Degree of protection (EN IEC 60529) P65, IP66K, IP67	No. of poles	4
Side 2 Stripping length (jacket) 20 mm Coating contact gold plated Family construction form fee cable end Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 2779218 ECLASS-8.0 277960311 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0	Width across flats	SW9
Stripping length (jacket)	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Coating contact gold plated Family construction fee cable end Commercial data Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-18.0 ECON1855 ECLASS-19.0 ECON1855 ECLASS-19.1 47060311 ECLASS-19.1 27060311 ECLASS-19.0 ECON1855 ECLASS-19.1 1 ECLASS-19.1 1 ECLASS-19.1 2 ECLASS-19	Side 2	
Coating contact gold plated Family construction fee cable end Commercial data Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-18.0 ECON1855 ECLASS-19.0 ECON1855 ECLASS-19.1 47060311 ECLASS-19.1 27060311 ECLASS-19.0 ECON1855 ECLASS-19.1 1 ECLASS-19.1 1 ECLASS-19.1 2 ECLASS-19	Stripping length (jacket)	20 mm
Family construction form fee cable end Commercial data Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-1.1.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECHAS-12.0 ECO1855 coustoms tariff number 85444290 GTIN 4048879446518 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC (U-Listed) 30 V Operating voltage DC (U-Listed) 30 V	Coating contact	gold plated
ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 1 27060311 ECLASS-12.0 1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 1 27060311 ECLASS-12.0 1 27060311 ECLASS-12.0 1 27060311 ECLASS-12.0 1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 1 2706031 ECLAS	Family construction form	- · ·
ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ETIM-5.0 ECLASS-1.2 27060311 ELECTICAL SUBJECT SUBJEC	Commercial data	
ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ETIM-5.0 ECLASS-1.2 27060311 ELECTICAL SUBJECT SUBJEC		27279218
ECLASS-7.0 2779218 ECLASS-8.0 2779218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 ECO01855 customs tariff number 85444290 GTIN 4048879446518 Packaging unit 1 Electrical data Supply Deperating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 4A 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 AC (III - III		
ECLASS-8.0 2779218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 ECO01855 Customs tariff number 85444290 GTIN 4048879446518 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC max. 60 V Operating voltage DC (UL-listed) 30 V Operating voltage DC max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set Ma x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage Mac Macked Micked Micke		
ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 ECONISS customs tariff number 85444290 GTIN 4048879446518 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 max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set Ms x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage Ms 1,5 kV Material group (IEC 60664-1)		
ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-15.0 ECO01855 customs tariff number 85444290 GTIN 4048879446518 Packaging unit 1 Electrical data Supply V 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 Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 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 Nickeled	ECLASS-9.0	
ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879446518 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 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 Pollucion 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	ECLASS-10.1	
ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879446518 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 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 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	ECLASS-11.1	27060311
customs tariff number 85444290 GTIN 4048879446518 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 NB x 1 Op	ECLASS-12.0	27060311
GTIN 4048879446518 Packaging unit 1 Electrical data Supply 50 V Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics V Status indication LED no Installation Connection Stripping length (jacket) Stripping length (jacket) 20 mm Mounting set Max 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Mechanical data Material data Coating locking Coating locking Nickeled Coating of fitting nickel plated	ETIM-5.0	EC001855
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 DC (UL-listed) 30 V Operating voltage DC (UL-listed) 4 A Operating voltage DC (UL-listed) 50 V Operating voltage DC (UL-listed) 7 V Operating voltage DC (UL-listed) 7 V Operating voltage DC (UL-listed) 8 V Operating voltage NC (UL-listed) 9 V Operating voltage 10 V Operating voltage	customs tariff number	85444290
Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 4 A Operating voltage DC (UL-listed) 7 No Operating voltage DC (UL-listed) 8 No Operating voltage DC (UL-listed) 8 No Operating voltage DC (UL-listed) 9 No Operating voltage NC (GTIN	4048879446518
Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 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) Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated	Packaging unit	1
Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 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) Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated	Electrical data Supply	
Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 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) Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated	Operating voltage AC max.	50 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) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated	Operating voltage DC max.	60 V
Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set 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 no	Operating voltage AC (UL-listed)	30 V
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) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated	Operating voltage DC (UL-listed)	30 V
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 no connection no connection no connection no content no conte	Current operating per contact max.	4 A
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	Diagnostics	
Stripping length (jacket) 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	Status indication LED	no
Stripping length (jacket) 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	Installation Connection	
Mounting set M8 x 1 Povice 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		20 mm
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		
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		
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		incomed constant
Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated		
Material group (IEC 60664-1) Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated		
Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated		I,O KV
Coating locking Nickeled Coating of fitting nickel plated		<u>'</u>
Coating of fitting nickel plated		
	Coating locking	
Material gasket FKM		· · · · · · · · · · · · · · · · · · ·
	Material gasket	FKM



stay connected

Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
-	morted, colored, challing protocolor
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 61076-2-104 (M8)
Installation Cable	
Installation Cable	
Cable identification	221
Cable Type	2
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weigth	32,01 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4,6 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	43 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3,6 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	80 °C



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)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
Travel speed (C-track)	2 Mio. @ 25 °C