

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

PVC 3x0.34 gy UL/CSA 1m

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.

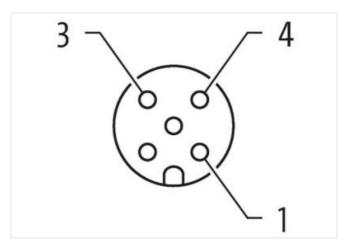
The resistance to aggressive media should be individually tested for your application. Further details on request.

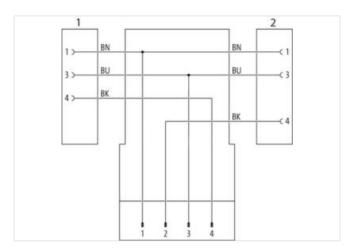
Further cable lengths on request.

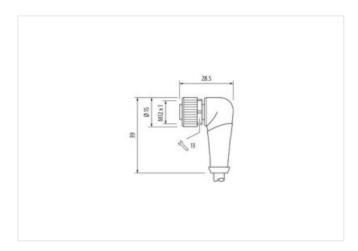
Link to Product

Illustration



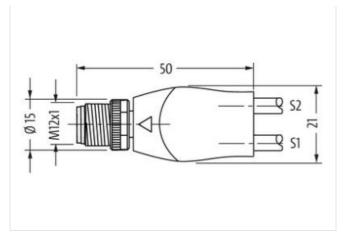


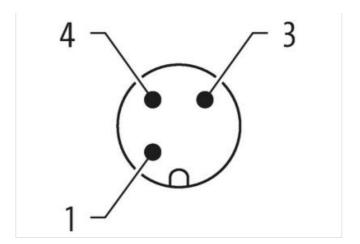






stay connected





Product may differ from Image













Cable length	1 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	



stay	connect	ed

ECLASS 8.0 27279218 ECLASS 9.0 27060313 ECLASS-1.1 4048879156592 BORNAM AND	ECLASS-6.0	27279218
ECASS 0 27060313	ECLASS-7.0	27279218
ECASS 10.1 27960313 ECLASS-12.0 27960313 ETIMS 5.0 E001855 ETIMS 5.0 E001855 SETIMS 5.0 844290 STIN 4948879185932 Packaging unit 1 Electrical datal Suppy 1 Operating voltage AC max. 250 V Operating voltage AC (Unisted) 30 V Operating voltage AC (Unisted) 30 V Operating voltage DC (Unisted) 30 V Interest Development Develo	ECLASS-8.0	27279218
ECLASS-11.1 27060313 ECLASS-12.0 2700313 ECLASS-12.0 2700313 ECLASS-12.0 2700313 ECLASS-12.0 2700313 ECLASS-12.0 2700313 ECLASS-12.0 2700313 ECLASS-12.0 ECCASS-12.0 ECLASS-12.0 ECLASS-12	ECLASS-9.0	27060311
ECLASS-12.0 27000313 BURK-0.1 EC001855 BURK-0.1 EC001855 BURK-0.1 8544280 STIN 4048879156992 Packaging unit 1 Electrical data [Supply Operating voltage AC max. 250 V Operating voltage AC (PL sited) 30 V Operating voltage AC (PL sited) 30 V Operating voltage DC (UL sited) 30 V Operating voltage DC (UL sited) 30 V Diagnostics V Status indication LED no Installation Connection M12 x 1 Mounting sat M12 x 1 Device protection Electrical Additional condrion protection degree Mutaerial group (EC 60084-1) 1 Profusion protection Electrical 3 Additional State Material data Y Coating of litting Nickeled Soating of litting Nickeled Soating of litting Nickeled all states Material protection Material states Material provided Material states Material provided Material states Material provided Material states Material provided Materia	ECLASS-10.1	27060313
ETIM-5.0 EC001855 usistoms tariff number	ECLASS-11.1	27060313
Status in continuation Status in	ECLASS-12.0	27060313
STIN A048879156592 Packfaging unit 1	ETIM-5.0	EC001855
Packaging unit	customs tariff number	
Paraling voltage AC max. 250 V Paraling voltage AC max. 250 V Paraling voltage AC (UL-listed) 30 V Paraling voltage AC (UL-listed) 4 A Paraling voltage AC (UL-listed) 70 Paraling voltage AC	GTIN	
Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V Outrent operating per contact max. 4 A Diagnostics V Stakus indication LED no Mounting set M12 x 1 Device protection Electrical V Additional condition protection degree 3 Pollution Degree 3 Rated surge voltage 2,5 kV Material group (EC 60664-1) I Mechanical data Material data I Coating of fitting nickel plated Motherial gasket FKM Cocking material Zinc die-casting Material sorew connection Zinc die-casting Material promperature mix. 25 °C Operating temperature max. 85 °C	Packaging unit	1
Operating voltage DC max. 250 V	Electrical data Supply	
Operating voltage AC (UL listed)	Operating voltage AC max.	250 V
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Installation LED no Status indication LED M12 x 1 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 60564-1) I Mechanical data Material data I Coating boking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting Methanical data Mounting data Vinc die-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min. Operating temperature min. 25 ° C Operating temperature max 85 ° C Additional condition temperature range depending on cable quality Important installation notes Attention: Observe the permissible bending radii when laying cables, as the I	Operating voltage DC max.	250 V
Current operating per contact max. 4 A Diagnostics Important Contaction LED Status indication LED mo Mounting set M12 x 1 Device protection Electrical Additional condition protection degree Pollution Degree 3 Rated surge voitage 2,5 kV Meterial group (IEC 60664-1) 1 Mechanical data Material data Coating of litting Coating locking Nickeled Coating parterial 2 inckel plated Material gasket FKM Locking material 2 inc die-casting Material gasket FKM Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min. 25 °C Operating temperature min. 25 °C Coperating 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. Product standard <td>Operating voltage AC (UL-listed)</td> <td>30 V</td>	Operating voltage AC (UL-listed)	30 V
Status indication LED no Installation Connection Wounting set M12 x 1 Mounting set Insertied, screwed Pollution Degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking Nickeled Coating of litting inserted inserted, screwed, shaking protection group (IEC 60664-1) 2 Coating locking Nickeled Coating of litting inserted inserted, screwed, shaking protection Mechanical data Munting data Material screw connection Zinc dis-casting Method inserted inserted, screwed, Shaking protection Mechanical data Munting data Munting method inserted, screwed, Shaking protection Mechanical data Munting data Munting method coating inserted, screwed, Shaking protection Mechanical data Munting data Munting method coating inserted, screwed, Shaking protection Mechanical data Munting data Munting inserted in inserted, screwed, Shaking protection Mechanical data Munting data Munting method coating inserted, screwed, Shaking protection Mechanical data Munting data Munting inserted in inserted, screwed, Shaking protection Mechanical data Munting data Munting inserted in inserted, screwed, Shaking protection Mechanical data Munting data Munting inserted in inserted, screwed, Shaking protection Mechanical data Munting data Munting inserted in inserted, screwed, Shaking protection Mechanical data Munting data Munting inserted in inserted, screwed, Shaking protection Mechanical data Munting d	Operating voltage DC (UL-listed)	30 V
Status indication LED no Installation Connection Wounting 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 686641) 1 Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Coating of fitting nickel plated Material screw connection Zinc die-casting Material screw connection	Current operating per contact max.	4 A
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 locking Nickeled Material data Ma	Diagnostics	
Multing set M12 x 1 Additional condition protection degree inserted, screwed Pollution Degree 3 Aleaded surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Material group of fitting nickel plated Material grow connection Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Environmental characteristics Climatic Environmental characteristics Climatic Environmental characteristics Climatic Environmental 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 Type 1 1 Jackel Color gray Type of Certificate CURsus	Status indication LED	no
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Material group and in incerted, screwed, Shaking protection Material group and in incerted, screwed, Shaking protection Material screw connection Zinc die-casting Tinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Tinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Tinc die-casting T	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 looking Nickeled Coating looking Nickeled Coating looking Nickeled Coating of litting nickel plated Material gasket FKM Looking material Zinc die-casting Material screw connection Zinc die-casting Method ald ata Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min25 °C Coperating 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 1 1 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 nickel plated Material gasket FKM Locking material Zinc die-casting Material serew connection Zinc die-casting Material serew connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Deparating temperature min25 °C Deparating 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 Type 1 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 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 Deprating temperature min25 °C Deprating 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 gray Type of Certificate CURus URus	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 EKM Locking material Meterial gasket Miscalliation gasket Miscalliation gasket Meterial gasket Miscalliation gask	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 Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Departing temperature min. 25 °C Departing 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 213 Cable Identification gray Type of Certificate CURus CURUS	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 Deparating temperature min. 25 °C Deparating 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 213 Cable identification 213 Cable Type 1 Clacket Color gray Coentificate CURus	Material group (IEC 60664-1)	I
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 identification 213 Cable Type of Certificate CURus Type of Certificate CURus	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 identification 213 Cable Type of Certificate CURus Type of Certificate CURus	Coating locking	Nickeled
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 213 Cable Type 1 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 min.	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 213 Cable Type 1 Jacket Color gray Type of Certificate curve in inserted, screwed, Shaking protection -25 °C -26 · C -25 °C -27 · C	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 213 Cable Type 1 Jacket Color gray Type of Certificate cURus	Material screw connection	Zinc die-casting
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range 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 213 Cable Type 1 Jacket Color gray Type of Certificate CURus	Mechanical data Mounting data	
Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 213 Cable Type 1 Jacket Color gray Type of Certificate curve and so the solution of the content of the c	Mounting method	inserted, screwed, Shaking protection
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. 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 213 Cable Type 1 Jacket Color gray Type of Certificate cultred.	Environmental characteristics Climatic	
Departing 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 213 Cable Type 1 Jacket Color gray Type of Certificate cultives	Operating temperature min.	
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 213 Cable Type 1 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 213 Cable Type 1 Jacket Color gray Type of Certificate CURus	Additional condition temperature range	depending on cable quality
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 213 Cable Type 1 Jacket Color gray Type of Certificate CURus	Important installation notes	
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 213 Cable Type 1 Jacket Color gray Type of Certificate cURus	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 213 Cable Type 1 Jacket Color gray Type of Certificate cURus	Note on bending radius	
Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 213 Cable Type 1 Jacket Color gray Type of Certificate cURus	Conformity	eridangered by excessive bending forces.
Installation Cable Cable identification 213 Cable Type 1 Jacket Color gray Type of Certificate cURus		DIN FN 61076-2-101 (M12)
Cable identification 213 Cable Type 1 Jacket Color gray Type of Certificate cURus		DIN LIN 01070-2-101 (W12)
Cable Type 1 Jacket Color gray Type of Certificate cURus		
Jacket Color gray Type of Certificate cURus		
Type of Certificate cURus		
Amount stranding 1		
	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: 2024-05-10

Bending radius (dynamic)



Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth	34,1 g/m
Material jacket	PVC
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	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
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 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 °C
Operating temperature max. (dynamic)	80 °C
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

10 x Outer diameter