

M12 male 90° / M12 female 0° A-cod. V4A

PUR 4x0.34 ye UL/CSA 7m

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

Male 90° - female straight

M12 - M12, 4-pole

Stainless steel 1.4404 (V4A)

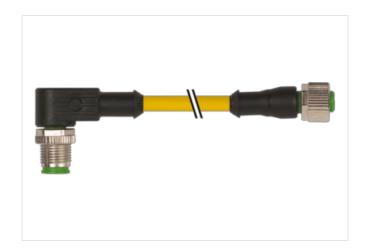
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

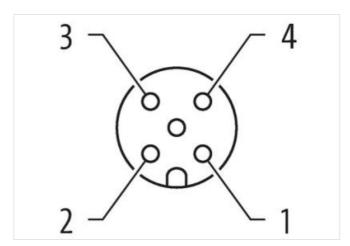
Plastic housings with good resistance against chemicals and oils.

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

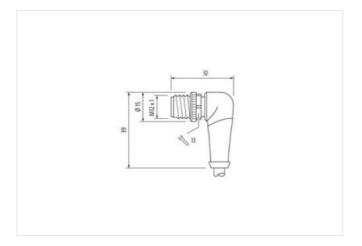
Link to Product

Illustration



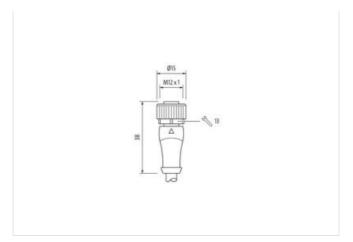


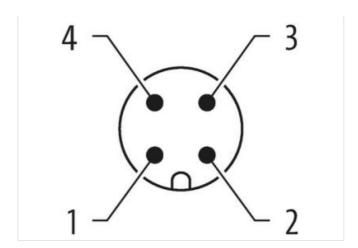






stay connected





Product may differ from Image





Tightening torque	Cable length	7 m
Family construction form M12 M12 x 1 Suitable for corrugated tube (internal Ø) 10 mm Coding A Width across flats SW13 Sw13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Tightening torque 0,6 Nm Family construction form M12 Thread M12 x 1 Coding A Coding	Side 1	
Thread	Tightening torque	0,6 Nm
suitable for corrugated tube (internal Ø) 10 mm Coding A Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Tightening torque Tightening torque 0,6 Nm Family construction form M12 Thread M12 x 1 Coding A Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27260311 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC01855 customs tariff number 8544290 GTIN 4048879546546 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage AC (UL-listed)	Family construction form	M12
Coding A Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Tightening torque 0,6 Nm Family construction form M12 Thread M12 x 1 Coding A Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tarriff number 85444290 GTIN 4048879546546 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V	Thread	M12 x 1
Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Tightening torque 0.6 Nm Family construction form M12 Thread M12 x 1 Coding A 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-9.0 27060311 ECLASS-10.1 27060311 ECLASS-12.0 27080311 ECLASS-12.0 27080311 ECLASS-12.0 27080311 ETIM-5.0 EC001855 customs tarriff number 85444290 GTIN 4048879546546 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage AC (UL-listed) 30 V	suitable for corrugated tube (internal Ø)	10 mm
Degree of protection (EN IEC 60529) IP65, IP66K, IP67	Coding	A
Side 2 Tightening torque 0.6 Nm Family construction form M12 Thread M12 x 1 Coding A Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-11.1 27060311 ECLASS-11.2 27060311 ECIMSS-12.0 27060311 ECIMS-12.0 27060311 ECIMS-5.0 EC001855 customs tariff number 85444290 GTIN 4048879546546 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage AC (UL-listed) 30 V	Width across flats	SW13
Tightening torque 0.6 Nm Family construction form M12 Thread M12 x 1 Coding A Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-11.1 27060311 ECLASS-11.1 27060311 ECLASS-11.1 27060311 ECLASS-11.1 27060311 ECLASS-10.0 27060311 ECLASS-10.1 2706	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Family construction form M12 Thread M12 x 1 Coding A Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 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 EC01855 customs tariff number 85444290 GTIN 4048879546546 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage AC (UL-listed) 30 V	Side 2	
Thread M12 x 1 Coding A Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-15.0 EC001855 customs tariff number 85444290 GTIN 4048879546546 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V	Tightening torque	0,6 Nm
Coding A Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 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 EC001855 customs tariff number 85444290 GTIN 4048879546546 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage AC (UL-listed) 30 V	Family construction form	M12
Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 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 EC001855 customs tariff number 85444290 GTIN 4048879546546 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage AC (UL-listed) 30 V	Thread	M12 x 1
ECLASS-6.0 27279218 ECLASS-6.1 27279218 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 EC001855 customs tariff number 85444290 GTIN 4048879546546 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V	Coding	A
ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC01855 customs tariff number 85444290 GTIN 4048879546546 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V	Commercial data	
ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879546546 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V	ECLASS-6.0	27279218
ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879546546 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage AC (UL-listed) 30 V	ECLASS-6.1	27279218
ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879546546 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V	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 4048879546546 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage AC (UL-listed) 30 V	ECLASS-8.0	27279218
ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879546546 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage AC (UL-listed) 30 V	ECLASS-9.0	27060311
ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879546546 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage AC (UL-listed) 30 V	ECLASS-10.1	27060311
ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879546546 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage AC (UL-listed) 30 V		27060311
customs tariff number 85444290 GTIN 4048879546546 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage AC (UL-listed) 30 V		27060311
GTIN 4048879546546 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage AC (UL-listed) 30 V	ETIM-5.0	EC001855
Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage AC (UL-listed) 30 V	customs tariff number	85444290
Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage AC (UL-listed) 30 V	GTIN	4048879546546
Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage AC (UL-listed) 30 V	Packaging unit	1
Operating voltage DC max. 250 V Operating voltage AC (UL-listed) 30 V	Electrical data Supply	
Operating voltage DC max. 250 V Operating voltage AC (UL-listed) 30 V	Operating voltage AC max.	250 V
		250 V
Operating voltage DC (UL-listed) 30 V	Operating voltage AC (UL-listed)	30 V
	Operating voltage DC (UL-listed)	30 V

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



stay connected

Povice protection Electrical Polition Dagroe 3 Rated surge voitage 2.5 kV Material group (IEC 00004-1) 1 Michanical data Mindrel data Very Common Very C	Current operating per contact max.	4 A
Rade roll ague voltage 2,5 kV Machanisal group (IEC 60064-1) 1 Machanisal datal Material data Machanisal Decided (Machanis) Machanisal datal Munting data Stainless steel 1.4404 (V4A) Machanisal datal Mounting data Stainless steel 1.4404 (V4A) Machanisal datal Mounting data Machanisal datal Mounting data Mounting multind ispaired, screwal, Shaking protection Environmental characteristics Climatic Coperating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Froud. Product standard Dis En 61076-2-101 (M12) Installation Cable 282 Cable identification 282 Standing 1 Stranding 1 Stranding 1 Stranding (type 2) 1 Standing (type 2) 9 wires around Stranding combination systed Banding Piceco Standing (type 2) 9 wires around Stranding combination systed Banding (type 2) 9 wires around Stranding combination syste	Device protection Electrical	
Rade roll ague voltage 2,5 kV Machanisal group (IEC 60064-1) 1 Machanisal datal Material data Machanisal Decided (Machanis) Machanisal datal Munting data Stainless steel 1.4404 (V4A) Machanisal datal Mounting data Stainless steel 1.4404 (V4A) Machanisal datal Mounting data Machanisal datal Mounting data Mounting multind ispaired, screwal, Shaking protection Environmental characteristics Climatic Coperating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Froud. Product standard Dis En 61076-2-101 (M12) Installation Cable 282 Cable identification 282 Standing 1 Stranding 1 Stranding 1 Stranding (type 2) 1 Standing (type 2) 9 wires around Stranding combination systed Banding Piceco Standing (type 2) 9 wires around Stranding combination systed Banding (type 2) 9 wires around Stranding combination syste	Pollution Degree	3
Machair group (IEC 60964 1) I Mechanical data (Internal data) Mechanical data (Internal data) Macharian housing PUR Locking material Stainless steel 1.4404 (V4A) Mechanical data [Mounting data Mechanical data [Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics [Climatic Operating temperature max. 65 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation [Cable 282 Cable identification 282 Locket Color blue Amount stranding 1 Stranding (type 2) 1 Stranding (type 2) 9 wires around Stranding combination twisted Banding Fleece wire arrangement gray pirk, vibel, red blue, brown, red, gray, black, yellow, pirk, green, white, blue Traversing distance (C-track) 4 Mio, @25 °C Cable weight 44 gir Material product 47 ± 5 Store D Freedom from ingredients (jacket) 6 mm	<u> </u>	2,5 kV
Material housing PUR Locking material size interest size of 1.4404 (V4A) Mounting method inserted, screwed, Shaking protection Environmental characteristics Climate Operating temperature min. 25° °C Operating temperature min. 26° °C Operating temperature may. 26° °C Operating temperature may. 28° °C Operating temperature range Capacity Operating Operating Capacity Operating		<u> </u>
Material housing PUR Locking material size interest size of 1.4404 (V4A) Mounting method inserted, screwed, Shaking protection Environmental characteristics Climate Operating temperature min. 25° °C Operating temperature min. 26° °C Operating temperature may. 26° °C Operating temperature may. 28° °C Operating temperature range Capacity Operating Operating Capacity Operating	Mechanical data Material data	
Locking material Stainless steel 1.4404 (V4A) Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. 25 °C Operating temperature may. 25 °C Conformity Product standard but a second protection of the secon	·	DUD
Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min. 2.5 °C Cperating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 282 Jacket Color blue Amount stranding 1 Stranding 3 wires twisted Amount stranding 1 Stranding (type 2) 1 Stranding (type 2) 9 wires around Stranding combination twisted Amount stranding (type 2) 9 wires around Stranding combination twisted Stranding (type 2) 9 wires around Stranding combination twisted Stranding (type 2) 9 wires around Stranding combination twisted Stranding (type 2) 9 wires around Stranding combination twisted Stranding (type 2) 9 wires around Stranding combination twisted Stranding (type 2) 9 wires around Stranding combination twisted Stranding (type 2) 9 wires around Stranding combination twisted Stranding (type 2) 9 wires around Stranding combination twisted Stranding (type 2) 9 wires around Stranding combination twisted Stranding (type 2) 9 wires around Stranding combination twisted Stranding (type 2) 9 wires around Stranding combination twisted Stranding (type 2) 9 wires around Stranding combination twisted Stranding (type 2) 9 wires around Stranding combination twisted Stranding (type 2) 9 wires around Stranding combination twisted Stranding (type 2) 1 m Ø Ø Ø Ø Cable weight 44 gim Material jacket TPE-S Shore hardness jacket 47 ± Shore D International financial (type 2) 1 M Ø Ø Cuter diameter (sheath) 5 % Material wire insulation 1 mm Outer diameter (sheath) 5 % Material wire insulation 1 mm Cuter diameter (sheath) 1 mm Cuter diamete		-
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 Conformity Product standard DIN EN 81076-2-101 (M12) Installation Cable Cable identification 282 Jackel Color blue Amount stranding 1 Stranding 3 wires twisted Amount stranding 1 Stranding (type 2) 1 Stranding (type 2) 9 wires around Stranding combination twisted Banding Fisece Wire arrangement gray-pink, volet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue 1. Traversing distance (C-track) 10 m @ 25 °C (Indicantal Traversing distance (C-track) 44 g/m Mational jacket TPE-S Shore hardness jacket 47 ± 5 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Matiental wire insulation PP Amount dismater (insulation 1 mm Outer diameter insulation 1 mm Outer diameter of single wires 0.11 mm Outer diameter of si		Starriess steer 1.4404 (V4A)
Environmental characteristics Climatic Operating temperature min. 25 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Institution Cabbe Cable identification 282 Jacket Color Due Amount stranding 1 Stranding 3 wires twisted Amount stranding (lype 2) 1 Stranding (lype 2) 1 Stranding (lype 2) 1 Stranding Piecce Piecce Wire arrangement piracy-pirix, violet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue Traversing distance (C-track) 4 Mio. @ 25 °C Cable weight 44 grm Material jacket TPE-S Shore hardness jacket 47 ± 5 Shore D Freedom from Ingredients (jacket) 1 mm Toler diameter (jacket) 5 mm Toler diameter (jacket) 1 mm Outer diameter (jacket) 2 mm Environmental (jacket) 3 mm Envi	Mechanical data Mounting data	
Operating temperature min. 2.5 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification Sakekel Color Blue Amount stranding 1 Stranding 3 wires twisted Amount stranding (type 2) 1 Stranding (type 2) 9 wires around Stranding combination twisted Banding Fisece wire arrangement Fisece Traversing distance (C-track) 10 m @ 25 °C (I horizontal) Traversing distance (C-track) 4 Mio. @ 25 °C Cable weigh 44 g/m Material jolacket TPE-S Fixedom from ingredients (jacket) 16 mm Outer-diameter (jacket) 6 mm Tolerance outer diameter (sheath) ± 5 % Amount strands (wire) 12 Outer diameter folerance core insulation 1 mm Outer diameter insulation 4 ± 3 Shore D <td>Mounting method</td> <td>inserted, screwed, Shaking protection</td>	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C depending on cable quality depending on cable quality of depend	Environmental characteristics Climatic	
Additional condition temperature range depending on cable quality Product standard DIN EN 61076.2-101 (M12) Installation Cable Cable identification 282 Jacket Color blue Amount stranding 1 Stranding 3 wires twisted Amount stranding (type 2) 1 Stranding (type 2) 9 wires around Stranding combination twisted Banding Fleece Wire arrangement gray-pink, violet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 4 Mio. @ 25 °C Cable weigth 44 g/m Material jacket Tree Tree Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (packet) 6 mm Tolerance outer diameter (sheath) 5 % Shore hardness wire insulation 1 mm Outer diameter insulation 1 mm Outer diameter insulation 1 mm Outer diameter insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Dingredient freeness wire insulation 1 mm Outer diameter or	Operating temperature min.	-25 °C
Additional condition temperature range depending on cable quality Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 282 Jacket Color blue Amount stranding 1 Stranding 3 wires twisted Amount stranding (type 2) 1 Stranding (type 2) 9 wires around Stranding combination twisted Banding Fleece wire arrangement gray-pink, violet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 4 Mio. @ 25 °C Cable weigth 44 g/m Material Jacket TPE-8 Shore hardness jacket 47 ± 5 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (packet) 6 mm Tolerance outer diameter (sheath) 5 % Shore hardness wire insulation PP Amount wires 12 Outer diameter insulation 64 ± 3 Shore D Ingredient freeness wire insulation 64 ± 3 Shore D Ingredient freeness wire insulation 64 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter tolerance core insulation 64 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 18 Diameter of single wires 0,1 mm Conductor crosssection (wire) 18 Diameter of single wires 0,1 mm Conductor type (wire) strand class 6 Courtent load capacity (strandard) to JN VDE (298-4 Current load capacity (strandard) to JN VDE (298-4 Current load capacity (strandard) 30 N/m (20 °C Current load capacity (strandard) 34 W & 60 8 Min. operating temperature (static) -40 °C	Operating temperature max.	85 °C
Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Season Cable identification 282 Jacked Color Blue Amount stranding 1 Stranding 3 wires lwisted Amount stranding (type 2) 1 Stranding (type 2) 9 wires around Stranding combination twisted Banding Fleece Wrie arrangement gray-pink, violet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue Traver spead (C-track) 10 m @ 25 °C horizontal Traver spead (C-track) 4 Mio. @ 25 °C Cable weight 44 g/m Material jacket TPE-S Shore bardness jacket 47 ± 5 Shore D Freedom from ingredients (jacket) 6 mm Outer-diameter (jacket) 5 mm Material wire insulation PP Amount wires 12 Outer diameter tolerance core insulation 5 % Shore bardness wire insulation 6 ± 3 Shore D Ingredient freeness wire insulation 6 ± 3 Shore D Ingredient freeness wire insulation	Additional condition temperature range	depending on cable quality
Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 282 Jacket Color blue Amount stranding 1 Stranding 3 wires twisted Amount stranding (type 2) 9 wires around Stranding combination twisted Banding Fleece wire arrangement gray-pink, violet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue Traversing distance (C-track) 10 m @ 25 °C [horizontal] Travel speed (C-track) 4 Min. @ 25 °C Cable weight 44 g/m Material jacket TFE-S Shore hardness jacket 47 ± 5 Shore D Freedom from ingrodients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (sket) ± 5 % Material wire insulation PP Amount wires 12 Outer diameter tolerance core insulation 1 mm Outer diameter tolerance core insulation 64 ± 3 Shore D Ingredient freeness wire insulation 64 ± 3 Shore D Ingredient freeness wire insulation 64 ± 3 Shore D <tr< td=""><td></td><td></td></tr<>		
Installation Cable Cable identification 282 Jacket Color blue Amount stranding 1 Stranding 3 wires twisted Amount stranding (type 2) 1 Stranding (type 2) 9 wires around Stranding combination twisted Banding Fleece wire arrangement gray-pink, violet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Traversing distance (C-track) 4 Mio. @ 25 °C column	•	DIN EN 61076 2 101 (M12)
Cable identification 282 Jasket Color blue Amount stranding 1 Stranding 3 wires twisted Amount stranding (type 2) 1 Stranding (type 2) 9 wires around Stranding combination twisted Banding Fleece wire arrangement gray-pink, violet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue Traverising distance (C-track) 10 m @ 25 °C horizontal Traverising distance (C-track) 4 Mio, 25 °C Cable weight 44 g/m Material jacket TPE-S Shore hardness jacket TPE-S Shore hardness jacket TPE-S Shore bardness jacket TPE-S Shore bardness jacket 47 ± 5 Shore D Freedom from ingredients (jacket) 6 mm Outer-diameter (jacket) 6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 12 Outer diameter insulation 4 ± 3 Shore D Ingredient resenses wire insulation 64 ± 3 Shore D <t< td=""><td></td><td>DIN EN 010/0-2-101 (M12)</td></t<>		DIN EN 010/0-2-101 (M12)
Amount stranding 1 Stranding (type 2) 1 Stranding (type 2) 9 wires around Stranding combination twisted Amount stranding (type 2) 9 wires around Stranding combination twisted Banding Fleece Wrie arrangement gray-pink, violet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 4 Mio. @ 25 °C Cablo weigh 44 g/m Material jacket TPE-S Shore hardness jacket 77 ± 5 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5 mm Tolerance outer diameter (sheath) ± 5 % Material wrie insulation PP Amount wires 12 Outer diameter insulation 1 mm Outer diameter insulation 1 mm Outer diameter insulation 64 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 18 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,14 mm² 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 (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) 13 PC/m @ 20 °C AC withstand voltage (wire - wire) 3 RV @ 60 s Min. operating temperature (static) -40 °C	Installation Cable	
Amount stranding 1 Stranding 3 wires twisted Amount stranding (type 2) 1 Stranding (type 2) 9 wires around Stranding combination twisted Banding Fleece wire arrangement gray-pink, violet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 4 Mio. @ 25 °C Cable weigh 44 g/m Material jacket TPE-S Shore hardness jacket 47 ± 5 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6 mm Tolerance outer diameter (jacket) 5 mm Tolerance outer diameter (jacket) 12 Outer diameter insulation 1 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 4 ± 3 Shore D Ingredient freeness wire insulation 6 ± 3 Shore D Ingredient freeness wire insulation 8 ± 2 mm Dameter of single wires 0,1 mm Conductor tyrand (wire)	Cable identification	282
Stranding (type 2) 1 Stranding (type 2) 9 wires around Stranding combination twisted Banding Fleece wire arrangement gray-pink, violet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Traversing distance (C-track) 4 Mio. @ 25 °C Cable weigth 44 g/m Material jacket TPE-S Shore hardness jacket 47 ± 5 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) ± 5 % Material wire insulation PP Anount wires 12 Outer diameter (sheath) ± 5 % Shore hardness wire insulation ± 5 % Shore hardness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 18 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,14 mm² 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 (standard) 15 kW @ 60 s Min. operating temperature (static) 40 °C		blue
Amount stranding (type 2) Stranding (type 2) 9 wires around Stranding combination twisted Banding Fleece wire arrangement gray-pink, violet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 4 Mio. @ 25 °C Cable weigth 44 g/m Material jacket TPE-S Shore hardness jacket 47 ± 5 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 12 Outer diameter insulation Arount strands (wire) 18 Diameter of single wires 0.1 mm Conductor crosssection (wire) 18 Diameter of single wires 0.1 mm Conductor type (wire) Stranded copper wire, bare Conductor type (wire) Nominal voltage AC max. 300 V Current load capacity (standard) Min. operating temperature (static) 40 °C Min. operating temperature (static) 40 °C Min. operating temperature (static) 40 °C Min. operating temperature (static) 9 wires around Stranding combination twisted 18 µkm @ 20 °C AC withstand voltage AC max. 300 V Gurrent load capacity min. wire 2 A Electrical resistance line constant wire 18 µkm @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Min. operating temperature (static) 40 °C	Amount stranding	1
Stranding (type 2) 9 wires around Stranding combination twisted Banding Fleece wire arrangement gray-pink, violet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue Traver langement 10 m @ 25 °C horizontal Travel speed (C-track) 4 Mio. @ 25 °C Cable weigth 44 g/m Material jacket TPE-S Shore hardness jacket 47 ± 5 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 12 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 64 ± 3 Shore D Ingredient freeness wire insulation 64 ± 3 Shore D Ingredient freeness wire insulation 18 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,14 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Stranded class 6 Nominal volt	Stranding	3 wires twisted
Banding Fleece wire arrangement gray-pink, violet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 4 Mio. @ 25 °C Cable weight 44 g/m Material jacket TPE-S Shore hardness jacket 47 ± 5 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 12 Outer diameter tolerance core insulation 1 mm Outer diameter tolerance core insulation 5 % Shore hardness wire insulation 6 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 18 Diameter of single wires 0,1 mm Conductor ovissection (wire) 0,1 mm² Conductor vire Stranded copper wire, bare Conductor type (wire) strand class 6 <td< td=""><td>Amount stranding (type 2)</td><td>1</td></td<>	Amount stranding (type 2)	1
wire arrangement gray-pink, violet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 4 Mio. @ 25 °C Cable weighh 44 g/m Material jacket TPE-S Shore hardness jacket 47 ± 5 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 12 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 64 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 18 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,14 mm² 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 (standard) 5 kV @ 60 s Min. operating temperature (static) -40 °C	Stranding (type 2)	9 wires around Stranding combination twisted
Traversing distance (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 4 Mio. @ 25 °C Cable weigth 44 g/m Material jacket TPE-S Shore hardness jacket 47 ± 5 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 12 Outer diameter tolerance core insulation 1 mm Outer diameter tolerance core insulation 5 ± 5 % Shore hardness wire insulation 64 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 18 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,14 mm² 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 (standard) to DIN VDE 0298-4 Current load capacity (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -40 °C	Banding	Fleece
Travel speed (C-track) 4 Mio. @ 25 °C Cable weigth 44 g/m Material jacket TPE-S Shore hardness jacket 47 ± 5 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 12 Outer diameter insulation 1 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 64 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 18 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,14 mm² 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 (standard) to DIN VDE 0298-4 Current load capacity min. wire 2 A Electrical resistance line constant wire 139 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -40 °C	wire arrangement	gray-pink, violet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue
Cable weigth 44 g/m Material jacket TPE-S Shore hardness jacket 47 ± 5 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 12 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 64 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 18 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,14 mm² 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 2 A Electrical resistance line constant wire 139 0/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Min. operating temperat	Traversing distance (C-track)	10 m @ 25 °C horizontal
Material jacket TPE-S Shore hardness jacket 47 ± 5 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 12 Outer diameter insulation 1 mm Outer diameter insulation ± 5 % Shore hardness wire insulation 64 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 18 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,14 mm² 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 (standard) to DIN VDE 0298-4 Electrical resistance line constant wire 139 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Min. opera	Travel speed (C-track)	4 Mio. @ 25 °C
Shore hardness jacket 47 ± S Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 12 Outer diameter insulation 1 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 64 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 18 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,14 mm² 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 2 A Electrical resistance line constant wire 139 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -40 °C	Cable weigth	44 g/m
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 12 Outer diameter insulation 1 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 64 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 18 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,14 mm² 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 2 A Electrical resistance line constant wire 139 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -40 °C	Material jacket	TPE-S
Outer-diameter (jacket) 6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 12 Outer diameter insulation 1 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 64 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 18 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,14 mm² 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 2 A Electrical resistance line constant wire 139 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -40 °C	Shore hardness jacket	47 ± 5 Shore D
Tolerance outer diameter (sheath) ±5 % Material wire insulation PP Amount wires 12 Outer diameter insulation 1 mm Outer diameter tolerance core insulation ±5 % Shore hardness wire insulation 64 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 18 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,14 mm² 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 (standard) to DIN VDE 0298-4 Electrical resistance line constant wire 139 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -40 °C	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PP Amount wires 12 Outer diameter insulation 1 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 64 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 18 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,14 mm² 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 2 A Electrical resistance line constant wire 139 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -40 °C	Outer-diameter (jacket)	6 mm
Amount wires 12 Outer diameter insulation 1 mm Outer diameter tolerance core insulation 5 % Shore hardness wire insulation 64 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 18 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,14 mm² 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 2 A Electrical resistance line constant wire 139 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -40 °C	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation 1 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 64 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 18 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,14 mm² 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 2 A Electrical resistance line constant wire 139 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -40 °C	Material wire insulation	PP
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 64 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 18 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,14 mm² 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 2 A Electrical resistance line constant wire 139 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -40 °C	Amount wires	12
Shore hardness wire insulation64 ± 3 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)18Diameter of single wires0,1 mmConductor crosssection (wire)0,14 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire2 AElectrical resistance line constant wire139 Ω/km @ 20 °CAC withstand voltage (wire - wire)3 kV @ 60 sMin. operating temperature (static)-40 °C	Outer diameter insulation	1 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 18 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,14 mm² 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 2 A Electrical resistance line constant wire 139 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -40 °C	Outer diameter tolerance core insulation	±5%
Amount strands (wire) Diameter of single wires O,1 mm Conductor crosssection (wire) O,14 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) Current load capacity min. wire 2 A Electrical resistance line constant wire 139 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -40 °C	Shore hardness wire insulation	64 ± 3 Shore D
Diameter of single wires O,1 mm Conductor crosssection (wire) Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) Current load capacity min. wire 2 A Electrical resistance line constant wire 139 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -40 °C	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Conductor crosssection (wire) 0,14 mm² 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 2 A Electrical resistance line constant wire 139 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -40 °C	Amount strands (wire)	18
Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire2 AElectrical resistance line constant wire139 Ω/km @ 20 °CAC withstand voltage (wire - wire)3 kV @ 60 sMin. operating temperature (static)-40 °C	Diameter of single wires	0,1 mm
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 2 A Electrical resistance line constant wire 139 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -40 °C	Conductor crosssection (wire)	0,14 mm²
Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2 A Electrical resistance line constant wire 139 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -40 °C	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2 A Electrical resistance line constant wire 139 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -40 °C	Conductor type (wire)	strand class 6
Current load capacity min. wire 2 A Electrical resistance line constant wire 139 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -40 °C	Nominal voltage AC max.	300 V
Electrical resistance line constant wire 139 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -40 °C	Current load capacity (standard)	to DIN VDE 0298-4
AC withstand voltage (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -40 °C	Current load capacity min. wire	2 A
Min. operating temperature (static) -40 °C	Electrical resistance line constant wire	139 Ω/km @ 20 °C
	AC withstand voltage (wire - wire)	3 kV @ 60 s
	Min. operating temperature (static)	-40 °C
	Max. operating temperature (fixed)	105 °C



Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	105 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min