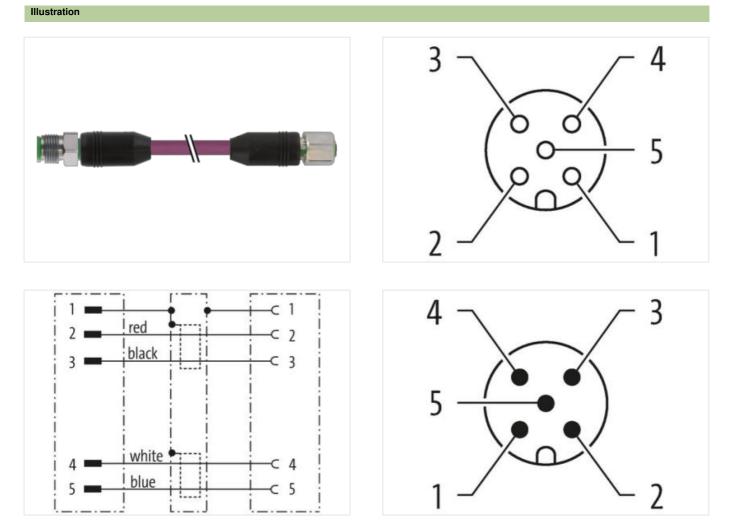


## M12 male 0° / M12 female 0° A-cod. V4A

PUR AWG24+22 shielded vt UL/CSA+drag ch. 15m

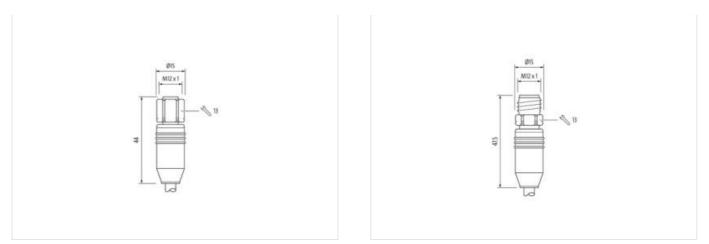
M12 – M12, 5-pole Male straight – female straight A-coded Stainless steel 1.4404 (V4A) Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product



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Product may differ from Image



Side 1       Tightening torque     0.6 Nm       Mounting method     inserted, screwed       Coating contact     gold plated       Family construction form     M12       Thread     M12 x 1       Coding contact     Coopper alloy       Material contact     Coopper alloy       No. of poles     5       Width across flats     SW13       Degree of protection (EN IEC 60529)     IP65, IP67       Side 2     Image: Screwed       Coding contact     gold plated       Family construction form     M12 x 1       Mounting method     inserted, screwed       Coding ontact     gold plated       Family construction form     M12 x 1       Coding     A       Material contact     Copper alloy       No. of poles     5       Coding     A       Material contact     Copper alloy       No. of poles     5       Commercial dat     27279218       ECLASS-0.0     27279218       ECLASS-10.1     27060307       ECLASS-10.1     2	Cable length	15 m
Mounting method     inserted, screwed       Coating contact     gold plated       Family construction form     M12       Thread     M12 x 1       Coding     A       Material contact     Copper alloy       No. of poles     5       Width across flats     SW13       Degree of protection (EN IEC 60529)     IP65, IP67       Side 2        Tightening lorque     0,6 Nm       Mounting method     inserted, screwed       Coating contact     gold plated       Family construction form     M12       Thread     M12 x 1       Coding     A       Material contact     gold plated       Family construction form     M12       Thread     M12 x 1       Coding     A       Material contact     Copper alloy       No. of poles     5       Commercial data     27279218       ECLASS-6.0     27279218       ECLASS-10.1     27060307       ECLASS-10.1     27060307       ECLASS-10.1     27060307	Side 1	
Coating contact     gold plated       Family construction form     M12       Thread     M12 x 1       Coding     A       Material contact     Copper alloy       No. of poles     5       With across flats     SW13       Degree of protection (EN IEC 60529)     IP65, IP67       Side 2     Tightening torque       Tightening torque     0,6 Nm       Mounting method     inserted, screwed       Coating     A       Material contact     gold plated       Family construction form     M12 x 1       Coding     A       Material contact     Copper alloy       No. of poles     5       Coding     A       Material contact     Copper alloy       No. of poles     5       Commercial data     ECLASS-6.0       ECLASS-6.0     27279218       ECLASS-8.0     27260307       ECLASS-10.1     27060307       ECLASS-10.1     27060307       ECLASS-11.1     27060307       ECLASS-12.0     27060307	Tightening torque	0,6 Nm
Family construction form     M12       Thread     M12 x 1       Coding     A       Material contact     Copper alloy       No. of poles     5       Width across flats     SW13       Degree of protection (EN IEC 60529)     IP65, 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       No. of poles     5       Coding     A       Material contact     Copper alloy       No. of poles     5       Commercial data     27279218       ECLASS-0.0     27279218       ECLASS-0.0     27279218       ECLASS-0.0     27060307       ECLASS-0.0     27060307       ECLASS-10.1     27060307       ECLASS-10.1     27060307       ECLASS-10.2     27060307       ECLASS-1	Mounting method	inserted, screwed
Thread     M12 x 1       Coding     A       Material contact     Copper alloy       No. of poles     5       Width across flats     SW13       Degree of protection (EN IEC 60529)     IP65, IP67       Side 2	Coating contact	gold plated
Coding     A       Material contact     Copper alloy       No. of poles     5       Width across flats     SW13       Degree of protection (EN IEC 60529)     IP65, IP67       Side 2     IP65, IP67       Side 2     Ightening torque       Mounting method     inserted, screwed       Coating contact     gold plated       Family construction form     M12       Thread     M12 x 1       Coding     A       Material contact     Copper alloy       No. of poles     5       Commercial data     ECLASS-6.0       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-9.0     27060311       ECLASS-10.1     27060307       ECLASS-11.1     27060307       ECLASS-12.0     27060307       ECLASS-12.0     EC001855       Customs tatiff number     85444290       GTIN     4048879467858	Family construction form	M12
Material contact     Copper alloy       No. of poles     5       Width across flats     SW13       Degree of protection (EN IEC 60529)     IP65, 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       No. of poles     5       Commercial data     ECLASS-7.0       ECLASS-7.0     27279218       ECLASS-7.0     27279218       ECLASS-7.0     27279218       ECLASS-7.0     27279218       ECLASS-7.0     27279218       ECLASS-7.0     27279218       ECLASS-7.0     27260307       ECLASS-7.0     27260307       ECLASS-7.0     27060307       ECLASS-7.0     27060307       ECLASS-7.0     27060307       ECLASS-7.0     27060307       ECLASS-7.0     27060307	Thread	M12 x 1
No. of poles     5       Width across flats     SW13       Degree of protection (EN IEC 60529)     IP65, IP67       Side 2	Coding	A
Width across flats     SW13       Degree of protection (EN IEC 60529)     IP65, 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       No. of poles     5       Commercial data     Z7279218       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-10.1     27060307       ECLASS-11.1     27060307       ECLASS-12.0     27060307       ETIM-5.0     EC001855       customs tariff number     8544290       GTIN     4048879467858	Material contact	Copper alloy
Degree of protection (EN IEC 60529)     IP65, IP67       Side 2     IP65, IP67       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       No. of poles     5       Commercial data     Zir279218       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-9.0     27060311       ECLASS-10.1     27060307       ECLASS-11.1     27060307       ECLASS-12.0     27060307       ECLASS-12.0     EC001855       customs tariff number     85444290       GTIN     4048879467858	No. of poles	5
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       No. of poles     5       Commercial data     27279218       ECLASS-6.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27279218       ECLASS-9.0     27260311       ECLASS-1.1     27060307       ECLASS-1.1     27060307       ECLASS-12.0     27060307       ETIM-5.0     ECO01855       customs tariff number     85444290       GTIN     4048879467858	Width across flats	SW13
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       No. of poles     5       Commercial data     27279218       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-9.0     2727060311       ECLASS-9.0     27060307       ECLASS-10.1     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ETIM-5.0     ECO01855       customs tariff number     85444290       GTIN     4048879467858	Degree of protection (EN IEC 60529)	IP65, IP67
Mounting method     inserted, screwed       Coating contact     gold plated       Family construction form     M12       Thread     M12 x 1       Coding     A       Material contact     Copper alloy       No. of poles     5       Commercial data     27279218       ECLASS-6.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27279218       ECLASS-9.0     27279218       ECLASS-9.0     27279218       ECLASS-9.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-9.0     27060307       ECLASS-10.1     27060307       ECLASS-11.1     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879467858	Side 2	
Coating contact     gold plated       Family construction form     M12       Thread     M12 x 1       Coding     A       Material contact     Copper alloy       No. of poles     5       Commercial data     Zin	Tightening torque	0,6 Nm
Family construction form     M12       Thread     M12 x 1       Coding     A       Material contact     Copper alloy       No. of poles     5       Commercial data     27279218       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-10.1     27060307       ECLASS-11.1     27060307       ECLASS-12.0     27060307       ETIM-5.0     ECO01855       customs tariff number     85444290       GTIN     4048879467858	Mounting method	inserted, screwed
Thread     M12 x 1       Coding     A       Material contact     Copper alloy       No. of poles     5       Commercial data     27279218       ECLASS-6.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-10.1     27060307       ECLASS-11.1     27060307       ECLASS-12.0     27060307       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879467858	Coating contact	gold plated
Coding     A       Material contact     Copper alloy       No. of poles     5       Commercial data     E       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-9.0     27060307       ECLASS-11.1     27060307       ECLASS-12.0     27060307       ETIM-5.0     EC01855       customs tariff number     85444290       GTIN     4048879467858	Family construction form	M12
Material contact     Copper alloy       No. of poles     5       Commercial data     E       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-10.1     27060307       ECLASS-11.1     27060307       ECLASS-12.0     27060307       ETIM-5.0     ECOU1855       customs tariff number     85444290       GTIN     4048879467858	Thread	M12 x 1
No. of poles     5       Commercial data     ECLASS-6.0     27279218       ECLASS-7.0     27279218     ECLASS-8.0     27279218       ECLASS-8.0     27279218     ECLASS-9.0     27060311       ECLASS-10.1     27060307     ECLASS-11.1     27060307       ECLASS-12.0     27060307     ECLASS-12.0     27060307       ETIM-5.0     ECO01855     customs tariff number     85444290       GTIN     4048879467858     4048879467858     4048879467858	Coding	A
Commercial data       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-10.1     27060307       ECLASS-11.1     27060307       ECLASS-12.0     27060307       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879467858	Material contact	Copper alloy
ECLASS-6.0   27279218     ECLASS-7.0   27279218     ECLASS-8.0   27279218     ECLASS-9.0   27060311     ECLASS-10.1   27060307     ECLASS-11.1   27060307     ECLASS-12.0   27060307     ETIM-5.0   EC001855     customs tariff number   85444290     GTIN   4048879467858	No. of poles	5
ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-10.1     27060307       ECLASS-11.1     27060307       ECLASS-12.0     27060307       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879467858	Commercial data	
ECLASS-8.0   27279218     ECLASS-9.0   27060311     ECLASS-10.1   27060307     ECLASS-11.1   27060307     ECLASS-12.0   27060307     ETIM-5.0   EC001855     customs tariff number   85444290     GTIN   4048879467858	ECLASS-6.0	27279218
ECLASS-9.0     27060311       ECLASS-10.1     27060307       ECLASS-11.1     27060307       ECLASS-12.0     27060307       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879467858	ECLASS-7.0	27279218
ECLASS-10.1     27060307       ECLASS-11.1     27060307       ECLASS-12.0     27060307       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879467858	ECLASS-8.0	27279218
ECLASS-11.1     27060307       ECLASS-12.0     27060307       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879467858	ECLASS-9.0	27060311
ECLASS-12.0     27060307       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879467858	ECLASS-10.1	27060307
ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879467858	ECLASS-11.1	27060307
customs tariff number     85444290       GTIN     4048879467858	ECLASS-12.0	27060307
GTIN 4048879467858		
	customs tariff number	85444290
Destruction A		4048879467858
Packaging unit 1	Packaging unit	1

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## Electrical data | Supply

Electrical data   Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data	
Contour for corrugated hose	without
Mechanical data   Material data	
Material gasket	FKM
Material housing	PUR
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 max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	
Cable identification	803
Jacket Color	violet
Type of Certificate	cURus
Amount stranding	1
Stranding	2 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	2 Stranded joints twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	65 %
Banding	Foil
Drain wire (cross-section)	22 AWG
wire arrangement	(white, blue), (black, red)
No. of bending cycles (C-track)	1 Mio.
Cable weigth	63,12 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	6,9 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PE
Amount wires	2
Outer diameter insulation	2,1 mm
Outer diameter tolerance core insulation	±5%

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Ingredient freeness wire insulation     Ined-*tee, CFC-free, halogen-free       Amount strands (wire)     19       Dimeter of alogie wises     24 AWG       Conductor crosssection (wire)     24 AWG       Dimit wire (cross-section)     22 AWG       Material conductor wire     coppor stranded wire, timed       Electrical function wire     Data       Material conductor wire     coppor stranded wire, timed       Telerance auter function wire insulation (Data)     1.5 mm       Telerance auter function (data)     23 %       Ingredient freeness wire insulation (Data)     1.6 data free, CFC-free, halogen-free       Amount wires (Data)     2       Dimeter of aingle wires (Data)     2       Conductor crosssection wire (Data)     2.2 AWG       Conductor vires costants     coppor stranded wire, timed       Conductor costance costants     coppor stranded wire, timed       Electrical function wire (Data)     coppor stranded wire, timed       Conductor costance costants     coppor stranded wire, timed       Conductor costance costants     for Material wire insulation       Corrent Loc costant wire (Data)     power       Corrent Loc costant wire (Data)	Shore hardness wire insulation	64 ± 5 Shore D
Dameter of single wires     24 AWG       Conductor crosssection (wire)     24 AWG       Dank wire (cross-section)     22 AWG       Material conductor wire     copper stranded wire, timed       Electrical function wire     Data       Material vire insulation (Data)     PE       Outer diameter wire insulation (Data)     1,5 mm       Tolerance outer diameter wire insulation (Data)     1,5 mm       Tolerance outer diameter wire insulation (Data)     1,2 mm       Tolerance outer diameter wire insulation (Data)     2       Amount strads wire (Data)     2       Onductor crossecolon wire (Data)     22 AWG       Conductor vire (Data)     22 AWG       Conductor wire (Data)     20 AWG       Material conductor wire (Data)     20 AWG       Courset Load capacity min. wire (Data)     5 m       Current Load capacity min. wire (Data)     5 A       Current Load capacity min. wire (Data)     6 A       Electrical insistance line constant wire 78 D/km       Electrical resistance	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Conductor creaseaction (wire)     24 AWG       Drain wire (cross-section)     22 AWG       Material conductor wire     Opper standed wire, finned       Electrical function wire     Data       Material conductor wire insulation (Data)     1.5 mm       Toferance outer diameter wire insulation (Data)     1.2 mm       Ingredient freeness wire insulation (Data)     1.2 MWG       Conductor creaseaction wire (Data)     2.2 AWG       Conductor creaseaction wire (Data)     Power       Travensing distance (C-track)     5 m       Current Load capacity (sintardard)     to DIN VDE 0298-4       Current Load capacity min. Wire (Data)     6 A       Electrical function wire     Data       Electrical function wire (Data)     2.0 \u00ex from wite (Data)       Electrical resistance line constant wire	Amount strands (wire)	19
Drain wire (cross-section)     22 AWG       Material conductor wire     copper stranded wire, tinned       Electrical function wire     Data       Material wire insulation (Data)     PE       Outer diameter wire insulation (Data)     1.5 mm       Tolerance outer diameter wire insulation (Data)     lead-free, CFC-free, halogen-free       Amount strands wire (Data)     2       Amount wires (Data)     2       Damoter of single wires (Data)     22 AWG       Conductor crosssection wire (Data)     22 AWG       Conductor vires (Data)     22 AWG       Conductor vire (Data)     copper stranded wire, tinned       Betrical function wire (Data)     copper stranded wire, tinned       Electrical function wire (Data)     power       Traversing distance (C+tack)     5 m       Current load capacity (standard)     to DN VE 0298-4       Current load capacity (standard)     to DN VE 0298-4       Current load capacity (standard)     to DN VE 0298-4       Current load capacity min. wire     4.5 A       Current load capacity min. wire     120 Q ± 10 % @ 1 MHz       Electrical incition wire (data)     Power       Charactristic	Diameter of single wires	24 AWG
Material conductor wire     copper strandad wire, inned       Electrical function wire     Data       Material wire insulation (Data)     PE       Outer diameter wire insulation (Data)     1.5 mm       Tolerance outer diameter wire insulation (Data)     2 3%       Ingredient freeness wire insulation (Data)     2       Amount wires (Data)     2       Amount wires (Data)     2       Amount strands wire (Data)     2       Conductor crossection wire (Data)     22 AWG       Conductor vires costendion wire (Data)     22 AWG       Conductor vires costendion wire (Data)     22 AWG       Conductor vires costendion wire (Data)     20 poper stranded wire, tinned       Electrical function wire (data)     Power       Current load capacity (min. wire     4.5 A       Current load capacity min. wire     4.5 A       Carrent load capacity min. wire (Data)     6 A       Electrical function wire (data)     Power       Characteristic ingedance     120 0 1 10 % @ 1 MHz       Electrical resistance lone constant wire     78 G.km       Nominal voltage power (Wire - shield)     2 V @ 60 s       AC withstand voltage power (Wire -	Conductor crosssection (wire)	24 AWG
Electrical function wire     Data       Material wire insulation (Data)     PE       Outer diameter wire insulation (Data)     1.5 mm       Tolerance outer diameter wire insulation (data)     4.53 %       Ingredient Teeness wire insulation (Data)     12 MWG       Amount wire (Data)     2       Amount wire (Data)     2       Amount wire (Data)     2       Conductor crossection wire (Data)     22 AWG       Conductor or crossection wire (Data)     copper stranded wire, Inned       Electrical function wire (Data)     copper stranded wire, Inned       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 min. Wire (Data)     6 A       Electrical function wire     Data       Electrical resistance (Catrack)     5 m       Current load capacity min. Wire (Data)     6 A       Electrical resistance constant wire     78 Ωkm       Electrical resistance constant wire     78 Ωkm       Electrical resistance constant wire     78 Ωkm       Electrical resistance power (Wir	Drain wire (cross-section)	22 AWG
Material wire insulation (Data)     PE       Outer diameter wire insulation (Data)     1.5 mm       Tolerance outer diameter wire insulation (Data)     1.5 mm       Impredient Teeness wire insulation (Data)     16a 4rec, CFC-free, halogen-free       Amount strands wire (Data)     2       Amount strands wire (Data)     2       Diameter of single wires (Data)     22 AWG       Conductor crossection wire (Data)     22 AWG       Conductor wire (Data)     20 AWG       Conductor wire (Data)     Power       Taversing distance (C-track)     5 m       Current load capacity winw wire (Data)     6 A       Current load capacity winw. Wire (Data)     6 A       Electrical function wire     Data       Electrical function wire     Data       Electrical function wire     R0 Mwr       Electrical resistance line constant wire     78 Ωkm       Electrical resistance ince constant wire	Material conductor wire	copper stranded wire, tinned
Outer diameter wire insulation (Data)     1,5 mm       Tolerance outer diameter wire insulation (Data)     153 %       Ingredient freeness wire insulation (Data)     153 %       Amount wire (Data)     2       Amount wire (Data)     19       Diameter of single wires (Data)     22 AWG       Conductor crossescion wire (Data)     22 AWG       Conductor or sossescion wire (Data)     22 AWG       Control of consossection wire (Data)     Copper stranded wire, linned       Electrical function wire (Data)     Power       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity (standard)     Data       Electrical function wire (data)     Power       Characteristic impedance     120 Ω ± 10 % @ 1 MHz       Electrical stance coaling wire (Data)     54 Ωkm       Electrical resistance coaling wire (Data)     54 Ωkm       El	Electrical function wire	Data
Tolerance outer diameter wire insulation (data) ± 53 %       Ingredient freeness wire insulation (Data)     lead-free, CFC-free, halogen-free       Amount strands wire (Data)     2       Amount strands wire (Data)     19       Dameter of single wires (Data)     22 AWG       Conductor crossection wire (Data)     22 AWG       Material conductor wire (Data)     00 poper stranded wire, tinned       Electrical function wire (data)     Power       Traversing distance (C-track)     5 m       Current load capacity min. wire     4,5 A       Current load capacity min. wire     4,5 A       Current load capacity min. Wire (Data)     6 A       Electrical function wire (Data)     6 A       Electrical resistance costing wire     Data       Electrical resistance costing wire (Data)     6 A       Electrical resistance costing wire (Data)     6 A (Drm       Nominal voltage power (Osting & 54 Orkm     10 % @ 10 % @       Norminal voltage power (Wire - wire)     2 kV @ 60 s	Material wire insulation (Data)	PE
Ingredient freeness wire insulation (Data)     lead-free, CFC-free, halogen-free       Amount strands wire (Data)     2       Amount strands wire (Data)     19       Diametor of single wires (Data)     22 AWG       Conductor crossection wire (Data)     22 AWG       Material conductor wire (Data)     22 AWG       Material conductor wire (Data)     copper stranded wire, tinned       Electrical function wire (data)     Power       Traversing distance (C-track)     5 m       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity min. wire     4,5 A       Current load capacity min. wire (Data)     6 A       Electrical function wire (data)     Power       Characteristic inpedance     120 £ ± 10 % @ 1 MHz       Electrical resistance line constant wire     78 Ω/km       Nominal voltage power AC max.     300 V       Electrical resistance (power)     40000 F/km       AC withstand voltage power (wire - shield)     2 kV @ 60 s       AC withstand voltage power (wire - shield)     2 kV @ 60 s       Max. operating temperature (static)     40 °C	Outer diameter wire insulation (Data)	1,5 mm
Amount wires (Data)2Amount strands wire (Data)19Diameter of single wires (Data)22 AWGConductor crosssection wire (Data)22 AWGMaterial conductor wire (Data)copper stranded wire, tinnedElectrical function wire (data)PowerTraversing distance (C+rack)5 mCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. Wire (Data)6 AElectrical function wire (data)PowerCurrent load capacity min. Wire (Data)6 AElectrical function wire (data)PowerCharacteristic impedance120 $\Omega \pm 10$ % @ 1 MHzElectrical function wire (data)90 wrCharacteristic impedance120 $\Omega \pm 10$ % @ 1 MHzElectrical seistance coating wire (Data)54 $\Omega$ kmNominal voltage power AC max.300 VElectrical resistance (wire - wire)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)40 °CMax. operating temperature (static)30 °COperating temperature max. (dynamic)70 °COp	Tolerance outer diameter wire insulation (data)	± 53 %
Amount strands wire (Data)   19     Dameter of single wires (Data)   22 AWG     Conductor crossection wire (Data)   22 AWG     Material conductor wire (Data)   copper stranded wire, tinned     Electrical function wire (data)   Power     Traversing distance (C-track)   5 m     Current load capacity (standard)   to DIN VDE 0298-4     Current load capacity min. Wire (Data)   6 A     Electrical function wire (data)   Power     Current load capacity min. Wire (Data)   6 A     Electrical function wire (data)   Power     Characteristic impedance   120 Ω ± 10 % @ 1 MHz     Electrical resistance line constant wire   78 Q/km     Electrical resistance line constant wire   78 Q/km     Electrical resistance power (Area   300 V     Electrical resistance power (Mer - shield)   2 kV @ 60 s     AC withstand voltage power (wire - shield)   2 kV @ 60 s     Min. operating temperature (fixed)   30 °C     Operating temperature (statc)   70 °C     Flame resistance   Good, application-related testing     Gascine resistance   Good, application-related testing     Gasoline resistance   Good, application-rel	Ingredient freeness wire insulation (Data)	lead-free, CFC-free, halogen-free
Diameter of single wires (Data)     22 AWG       Conductor crosssection wire (Data)     copper stranded wire, tinned       Electrical function wire (Data)     copper stranded wire, tinned       Electrical function wire (data)     Power       Traversing distance (C-track)     5 m       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity min. Wire (Data)     6 A       Electrical function wire     Data       Electrical function wire (data)     Power       Characteristic impedance     120 0.4 10 % @ 1 MHz       Electrical runction wire (data)     Power       Characteristic impedance     120 0.4 10 % @ 1 MHz       Electrical resistance coating wire (Data)     5 4 Ω/km       Nominal voltage power AC max.     300 V       Electrical resistance coating wire (Data)     2 KV @ 60 s       Min. operating temperature (static)     -40 °C       Max. operating temperature (static)     -40 °C       Max. operating temperature (fixed)     80 °C       Operating temperature (fixed)     80 °C       Operating temperature (fixed)     80 °C	Amount wires (Data)	2
Conductor crosssection wire (Data)     22 AWG       Material conductor wire (Data)     copper stranded wire, tinned       Electrical function wire (data)     Power       Traversing distance (C-track)     5 m       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity min. wire     4,5 A       Current load capacity min. wire     Data       Electrical function wire (data)     Power       Electrical function wire (data)     Power       Characteristic impedance     120 Ω ± 10 % @ 1 MHz       Electrical function wire (data)     Power       Characteristic impedance     120 Ω ± 10 % @ 1 MHz       Electrical resistance coating wire (Data)     54 Ω/km       Nominal voltage power AC max.     300 V       Electric capacitance (opwer)     40000 pF/km       AC withstand voltage power (wire - shield)     2 kV @ 60 s       Min. operating temperature (static)     -40 °C       AC withstand voltage power (wire - shield)     80 °C       Operating temperature (fixed)     80 °C       Operating temperature (static)     -40 °C       Flam resistance     UL 1581 § 1100 FT2   EC 60332-2-2   UL 1581 § 1090	Amount strands wire (Data)	19
Material conductor wire (Data)     copper stranded wire, tinned       Electrical function wire (data)     Power       Traversing distance (C-track)     5 m       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity min. Wire (Data)     6 A       Electrical function wire     Data       Electrical function wire (data)     Power       Current load capacity min. Wire (Data)     6 A       Electrical function wire (data)     Power       Characteristic impedance     120 Ω ± 10 % @ 1 MHz       Electrical resistance line constant wire     78 Ω/km       Electrical resistance coating wire (Data)     54 Ω/km       Nominal Voltage power AC max.     300 V       Electrical resistance (power)     40000 pF/km       AC withstand voltage power (wire - shield)     2 kV @ 60 s       AC withstand voltage power (wire - shield)     2 kV @ 60 s       Max. operating temperature (fixed)     80 °C       Operating temperature (fixed)     80 °C       Operating temperature (fixed)     30 °C       Operating temperature (fixed)     60 °C       Operating temperature (fixed)     70 °C       Flame resistance	Diameter of single wires (Data)	22 AWG
Electrical function wire (data)     Power       Traversing distance (C-track)     5 m       Current load capacity (standard)     to IN VDE 0298-4       Current load capacity min. wire     4,5 A       Current load capacity min. Wire (Data)     6 A       Electrical function wire     Data       Electrical function wire (data)     Power       Characteristic impedance     120 Ω ± 10 % @ 1 MHz       Electrical resistance line constant wire     78 Ω/km       Electrical resistance coning wire (Data)     54 Ω/km       Nominal voltage power AC max.     300 V       Electric resistance (power)     40000 pF/km       AC withstand voltage power (wire - shield)     2 kV @ 60 s       AC withstand voltage power (wire - wire)     2 kV @ 60 s       Min. operating temperature (static)     -40 °C       Max operating temperature (static)     -40 °C       Operating temperature (static)     -30 °C       Operating temperature (static)     70 °C       Flame resistance     UL 1581 § 1100 FT2   IEC 60332-2.2   UL 1581 § 1090       chemical resistance     Good, application-related testing       Gasoline resistance     Good, application-related testing	Conductor crosssection wire (Data)	22 AWG
Traversing distance (C-track)5 mCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 ACurrent load capacity min. Wire (Data)6 AElectrical function wireDataElectrical function wire (data)PowerCharacteristic impedance120 $\Omega \pm 10 \% @ 1$ MHzElectrical function wire (Data)54 $\Omega/km$ Electrical resistance ine constant wire (Data)54 $\Omega/km$ Nominal voltage power AC max.300 VElectrical resistance (power)40000 pF/kmAC withstand voltage power (wire - shield)2 kV @ 60 sAC withstand voltage power (wire - shield)2 kV @ 60 sMin. operating temperature (tixed)-40 °CMax. operating temperature (tixed)80 °COperating temperature (tixed)-30 °COperating temperature (tixed)70 °CFlame resistanceGod, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testingBending radius (installation)x Outer diameterBending radius (fixed)6 x Outer diameterBending radiu	Material conductor wire (Data)	copper stranded wire, tinned
Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 ACurrent load capacity min. Wire (Data)6 AElectrical function wireDataElectrical function wire (data)PowerCharacteristic impedance120 $\Omega \pm 10 \% @ 1$ MHzElectrical resistance line constant wire78 $\Omega$ kmElectrical resistance coating wire (Data)54 $\Omega$ kmElectrical resistance coating wire (Data)54 $\Omega$ kmElectrical resistance cover (Dower)40000 pF/kmAC withstand voltage power (Wire - shield)2 kV @ 60 sAC withstand voltage power (wire - shield)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sAC withstand voltage power (wire - shield)80 °COperating temperature min. (dynamic)-30 °COperating temperature min. (dynamic)70 °CFlame resistanceGood, application-related testingGasoline resistanceGood, application-related testingGasoline resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404   Good, application-related testingBending radius (installation)x Outer diameterBending radius (installation)6 x Outer diameterBending radius (installation)X Oute	Electrical function wire (data)	Power
Current load capacity min. wire     4,5 A       Current load capacity min. Wire (Data)     6 A       Electrical function wire     Data       Electrical function wire (data)     Power       Characteristic impedance     120 Ω ± 10 % @ 1 MHz       Electrical resistance line constant wire     78 Ω/km       Electrical resistance coating wire (Data)     54 Ω/km       Nominal voltage power AC max.     300 V       Electric capacitance (power)     40000 pF/km       AC withstand voltage power (wire - shield)     2 kV @ 60 s       AC withstand voltage power (wire - wire)     2 kV @ 60 s       AC withstand voltage power (wire - wire)     2 kV @ 60 s       Max. operating temperature (static)     -40 °C       Max. operating temperature (static)     -40 °C       Chemical resistance     UL 1581 § 1100 FT2   EC 60332-2-2   UL 1581 § 1090       Chemical resistance     Good, application-related testing       Gasoline resistance     Good, application-related testing       Gasoline resistance     Good, application-related testing       Gasoline resistance     DIN EN 60811-404   Good, application-related testing       Gasoline resistance     DIN EN 60811-404   Good, application-related testing </td <td>Traversing distance (C-track)</td> <td>5 m</td>	Traversing distance (C-track)	5 m
Current load capacity min. Wire (Data)     6 A       Electrical function wire     Data       Electrical function wire (data)     Power       Characteristic impedance     120 Q ± 10 % @ 1 MHz       Electrical resistance line constant wire     78 Q/km       Electrical resistance coating wire (Data)     54 Q/km       Nominal voltage power AC max.     300 V       Electric capacitance (power)     40000 pF/km       AC withstand voltage power (wire - shield)     2 kV @ 60 s       AC withstand voltage power (wire - wire)     2 kV @ 60 s       Min. operating temperature (static)     -40 °C       Max. operating temperature (static)     -40 °C       Operating temperature (static)     -30 °C       Operating temperature (static)     -30 °C       Operating temperature max. (dynamic)     70 °C       Flame resistance     UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090       chemical resistance     Good, application-related testing       Gasoline resistance     Good, application-related testing       Oil resistance     DIN EN 6081-404   Good, application-related testing       Oil resistance     DIN EN 6081-404   Good, application-related testing       Oil re	Current load capacity (standard)	to DIN VDE 0298-4
Electrical function wire     Data       Electrical function wire (data)     Power       Characteristic impedance     120 Ω ± 10 % @ 1 MHz       Electrical resistance line constant wire     78 Q/km       Electrical resistance coating wire (Data)     54 Ω/km       Nominal voltage power AC max.     300 V       Electric capacitance (power)     40000 pF/km       AC withstand voltage power (wire - shield)     2 kV @ 60 s       AC withstand voltage power (wire - wire)     2 kV @ 60 s       AC withstand voltage power (wire - wire)     2 kV @ 60 s       Max. operating temperature (static)     -40 °C       Max. operating temperature (static)     -40 °C       Operating temperature min. (dynamic)     -30 °C       Operating temperature max. (dynamic)     70 °C       Flame resistance     UL 1581 § 1100 FT2   EC 60332-2-2   UL 1581 § 1090       chemical resistance     Good, application-related testing       Gasoline resistance     Good, application-related testing       Oil resistance     Good, application-related testing       Oil resistance     DIN EN 60811-404   Good, application-related testing       Bending radius (installation)     x Outer diameter <t< td=""><td>Current load capacity min. wire</td><td>4,5 A</td></t<>	Current load capacity min. wire	4,5 A
Electrical function wire (data)     Power       Characteristic impedance     120 Ω ± 10 % @ 1 MHz       Electrical resistance line constant wire     78 Ω/km       Electrical resistance coating wire (Data)     54 Ω/km       Nominal voltage power AC max.     300 V       Electric capacitance (power)     40000 pF/km       AC withstand voltage power (wire - shield)     2 kV @ 60 s       AC withstand voltage power (wire - wire)     2 kV @ 60 s       AC withstand voltage power (wire - wire)     2 kV @ 60 s       Max. operating temperature (fixed)     80 °C       Operating temperature (fixed)     80 °C       Operating temperature max. (dynamic)     -30 °C       Operating temperature max. (dynamic)     70 °C       Flame resistance     UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090       chemical resistance     Good, application-related testing       Gasoline resistance     Good, application-related testing       Oil resistance     Good, application-related testing       Oil resistance     DIN EN 60811-404   Good, application-related testing       Oil resistance     DIN EN 6081-404   Good, application-related testing       Bending radius (installation)     x Outer diameter	Current load capacity min. Wire (Data)	6 A
Characteristic impedance120 Ω ± 10 % @ 1 MHzElectrical resistance line constant wire78 Ω/kmElectrical resistance coating wire (Data)54 Ω/kmNominal voltage power AC max.300 VElectric capacitance (power)40000 pF/kmAC withstand voltage power (wire - shield)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature (ixing)30 °COperating temperature max. (dynamic)-30 °CFlame resistanceUL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404   Good, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testingBending radius (installation)x Outer diameterBending radius (fixed)6 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	Electrical function wire	Data
Electrical resistance line constant wire   78 Ω/km     Electrical resistance coating wire (Data)   54 Ω/km     Nominal voltage power AC max.   300 V     Electric capacitance (power)   40000 pF/km     AC withstand voltage power (wire - shield)   2 kV @ 60 s     AC withstand voltage power (wire - wire)   2 kV @ 60 s     Min. operating temperature (static)   -40 °C     Max. operating temperature (fixed)   80 °C     Operating temperature (mixed)   30 °C     Operating temperature max. (dynamic)   -30 °C     Operating temperature max. (dynamic)   70 °C     Flame resistance   UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090     chemical resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Oil resistance   DiN EN 60811-404   Good, application-related testing     Oil resistance   DiN EN 60811-404   Good, application-related testing     Bending radius (installation)   x Outer diameter     Bending radius (dynamic)   10 x Outer diameter     No. of torsion cycles   2 Mio.     Torsion speed   35 cycles/min	Electrical function wire (data)	Power
Electrical resistance coating wire (Data)54 Ω/kmNominal voltage power AC max.300 VElectric capacitance (power)40000 pF/kmAC withstand voltage power (wire - shield)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404   Good, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testingBending radius (installation)x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	Characteristic impedance	120 Ω ± 10 % @ 1 MHz
Nominal voltage power AC max.300 VElectric capacitance (power)40000 pF/kmAC withstand voltage power (wire - shield)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-30 °COperating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testingBending radius (installation)x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	Electrical resistance line constant wire	78 Ω/km
Electric capacitance (power)   40000 pF/km     AC withstand voltage power (wire - shield)   2 kV @ 60 s     AC withstand voltage power (wire - wire)   2 kV @ 60 s     Min. operating temperature (static)   -40 °C     Max. operating temperature (fixed)   80 °C     Operating temperature min. (dynamic)   -30 °C     Operating temperature max. (dynamic)   70 °C     Flame resistance   UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090     chemical resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Oil resistance   DIN EN 60811-404   Good, application-related testing     Bending radius (installation)   x Outer diameter     Bending radius (fixed)   6 x Outer diameter     Bending radius (dynamic)   10 x Outer diameter     No. of torsion cycles   2 Mio.     Torsion speed   35 cycles/min	Electrical resistance coating wire (Data)	54 Ω/km
AC withstand voltage power (wire - shield)   2 kV @ 60 s     AC withstand voltage power (wire - wire)   2 kV @ 60 s     Min. operating temperature (static)   -40 °C     Max. operating temperature (fixed)   80 °C     Operating temperature min. (dynamic)   -30 °C     Operating temperature max. (dynamic)   70 °C     Flame resistance   UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090     chemical resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Oil resistance   DIN EN 60811-404   Good, application-related testing     Bending radius (installation)   x Outer diameter     Bending radius (dynamic)   10 x Outer diameter     Bending radius (dynamic)   10 x Outer diameter     No. of torsion cycles   2 Mio.     Torsion speed   35 cycles/min	Nominal voltage power AC max.	300 V
AC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testingBending radius (installation)x Outer diameterBending radius (fixed)6 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	Electric capacitance (power)	40000 pF/km
Min. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testingBending radius (installation)x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	AC withstand voltage power (wire - shield)	2 kV @ 60 s
Max. operating temperature (fixed)80 °COperating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testingBending radius (installation)x Outer diameterBending radius (fixed)6 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	AC withstand voltage power (wire - wire)	2 kV @ 60 s
Operating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testingBending radius (installation)x Outer diameterBending radius (fixed)6 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic)   70 °C     Flame resistance   UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090     chemical resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Oil resistance   DIN EN 60811-404   Good, application-related testing     Bending radius (installation)   x Outer diameter     Bending radius (dynamic)   10 x Outer diameter     Bending radius (dynamic)   10 x Outer diameter     No. of torsion cycles   2 Mio.     Torsion speed   35 cycles/min	Max. operating temperature (fixed)	80 °C
Flame resistanceUL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testingBending radius (installation)x Outer diameterBending radius (fixed)6 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	Operating temperature min. (dynamic)	-30 °C
chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testingBending radius (installation)x Outer diameterBending radius (fixed)6 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	Operating temperature max. (dynamic)	70 °C
Gasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testingBending radius (installation)x Outer diameterBending radius (fixed)6 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of torsion cycles2 Mio.Torsion speed35 cycles/min	Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
Oil resistance DIN EN 60811-404   Good, application-related testing   Bending radius (installation) x Outer diameter   Bending radius (fixed) 6 x Outer diameter   Bending radius (dynamic) 10 x Outer diameter   No. of torsion cycles 2 Mio.   Torsion speed 35 cycles/min	chemical resistance	Good, application-related testing
Bending radius (installation)   x Outer diameter     Bending radius (fixed)   6 x Outer diameter     Bending radius (dynamic)   10 x Outer diameter     No. of torsion cycles   2 Mio.     Torsion speed   35 cycles/min	Gasoline resistance	Good, application-related testing
Bending radius (fixed)   6 x Outer diameter     Bending radius (dynamic)   10 x Outer diameter     No. of torsion cycles   2 Mio.     Torsion speed   35 cycles/min	Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (dynamic) 10 x Outer diameter   No. of torsion cycles 2 Mio.   Torsion speed 35 cycles/min	Bending radius (installation)	x Outer diameter
No. of torsion cycles 2 Mio.   Torsion speed 35 cycles/min	Bending radius (fixed)	6 x Outer diameter
Torsion speed 35 cycles/min	Bending radius (dynamic)	10 x Outer diameter
	No. of torsion cycles	2 Mio.
Torsion stress ± 30 °/m	Torsion speed	35 cycles/min
	Torsion stress	± 30 °/m

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