

M12 male 0° / M8 female 90° A-cod. LED

PUR 3x0.25 gy UL/CSA+drag ch. 0.6m

Male straight - female 90°

M12 - M8, 3-pole

LED (yellow/green)

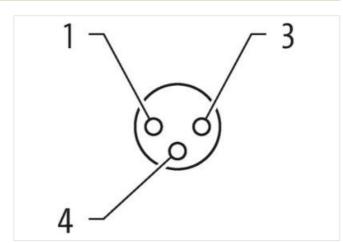
Plastic housings with good resistance against chemicals and oils.

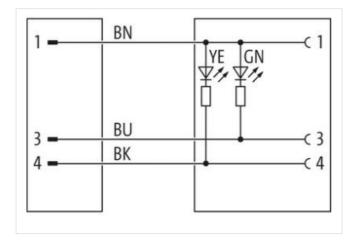
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

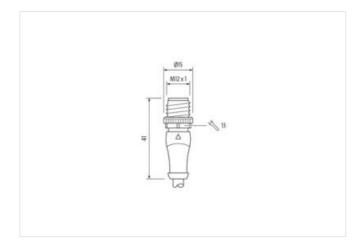
Link to Product

Illustration





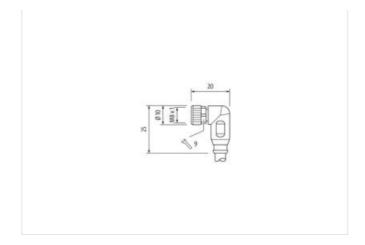






stay connected





Product may differ from Image











Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy Commercial data	Cable length	0,6 m
Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy Commercial data	Side 1	
Coating contact gold plated Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy Material contact Copper alloy Material contact Copper alloy Mother across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1	Tightening torque	0,6 Nm
Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Tightening torque Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	Mounting method	inserted, screwed
Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 PUR Wightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	Coating contact	gold plated
suitable for corrugated tube (internal Ø) 10 mm Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	Family construction form	M12
Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Tightening torque Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	Thread	M12 x 1
Material PUR No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Tightening torque Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	suitable for corrugated tube (internal Ø)	10 mm
No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 2720311 ECLASS-10.1 27060311	Material contact	Copper alloy
Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	Material	PUR
Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	No. of poles	3
Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	Width across flats	
Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	Degree of protection (EN IEC 60529)	IP66K, IP67
Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	Side 2	
Coating contact gold plated Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	Tightening torque	0,4 Nm
Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	Mounting method	inserted, screwed
Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	Coating contact	gold plated
Suitable for corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	Family construction form	M8
Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	Thread	M8 x 1
Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	suitable for corrugated tube (internal Ø)	6,5 mm
No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	Material contact	Copper alloy
Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	Material	PUR
Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	No. of poles	3
Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	Width across flats	SW9
ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	Degree of protection (EN IEC 60529)	IP66K, IP67
ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	Commercial data	
ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	ECLASS-6.0	27279218
ECLASS-9.0 27060311 ECLASS-10.1 27060311	ECLASS-7.0	27279218
ECLASS-10.1 27060311	ECLASS-8.0	27279218
27000011	ECLASS-9.0	27060311
ECLASS-11.1 27060311	ECLASS-10.1	27060311
	ECLASS-11.1	27060311



stay connected

EOL 400 40 0	07000044
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879159661
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Operating voltage DC max. (UL-listed)	30 V
Current operating per contact max.	4 A
Current consumption max.	5 mA
Diagnostics	
Status indication LED	green, yellow
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Material gasket	FKM
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
LIIVII OIIIII EIII AI CHAFACIEFISIICS CIIMATIC	
Environmental characteristics Climatic Operating temperature min	-25 °C
Operating temperature min.	-25 °C 85 °C
Operating temperature min. Operating temperature max.	85 °C
Operating temperature min. Operating temperature max. Additional condition temperature range	
Operating temperature min. Operating temperature max. Additional condition temperature range Conformity	85 °C depending on cable quality
Operating temperature min. Operating temperature max. Additional condition temperature range	85 °C
Operating temperature min. Operating temperature max. Additional condition temperature range Conformity	85 °C depending on cable quality
Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification	85 °C depending on cable quality
Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 230
Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 230 3 gray cURus
Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 230 3 gray
Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 230 3 gray cURus 1 3 wires twisted
Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 230 3 gray cURus 1 3 wires twisted brown, black, blue
Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track)	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 230 3 gray cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C
Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 230 3 gray cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C 26,4 g/m
Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track)	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 230 3 gray cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C 26,4 g/m PUR
Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 230 3 gray cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C 26,4 g/m
Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 230 3 gray cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C 26,4 g/m PUR
Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 230 3 gray cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C 26,4 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,1 mm
Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 230 3 gray cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C 26,4 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 230 3 gray cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C 26,4 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,1 mm ± 5 % PP
Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 230 3 gray cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C 26,4 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,1 mm ± 5 %

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: 2024-04-24



stay connected

Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
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 speed	35 cycles/min
Torsion stress	± 180 °/m