

M12 Male recept. B-cod. front

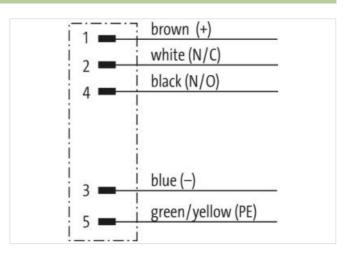
PE-wires 5x0.34 1m

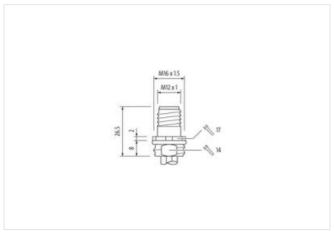
Flange male M12, 5-pole B-coded Front mounting with multi-strand wire Further cable lengths on request.

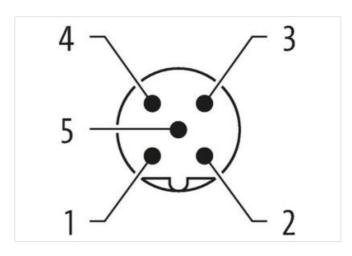
Link to Product

Illustration









Product may differ from Image



Cable length	1 m
Side 1	
Tightening torque	0,6 Nm



stay connected

Family construction form M12 x 1 Coding M13 x 1 Coding M14 Coding M15 x 1 Coding M16 coding M16 coding M16 coding M17 coding M17 coding M18 coding Coding Coding M18 coding Coding M18 coding M18 coding M18 coding Coding M18	Mounting method	inserted, screwed	
Treed	Coating contact	gold plated	
Coding B Material contact Copper alloy Marieral Contact Zinc de-casting No. of poles 5 Widh across fitis SW14 Degree of protection (EN IEC 60529) IP67 Side 2 SW2 Coating contact gold plated Commercial date ECLASS 6.0 2778221 ECLASS 7.0 27440103 ECLASS 7.0 27440103 ECLASS 7.0 27440103 ECLASS 1.0 27440103 ECLASS 1.1 27440103 ECLASS 1.1 27440103 ECLASS 1.0 27440103 ECLASS 1.1 27440103 ECLASS 1.0 27440103 ECLASS 1.1 27440103 ECLASS 1.0 27440103 ECLASS 1.1 27440103 ECLASS 1.2 27440103 ECLASS 1.2 27440103 ECLASS 1.1 27440103	Family construction form	M12	
Material Coppor alloy Material Zinc dis-casting Worth across flats SW14 Degree of protection (EN IEC 60529) UP67 Side 2 Coating contact gold plated Coating contact Coating co	Thread	M12 x 1	
Material Zinc die casting No. oi polos 5 With across falts SW14 Degree of protection (EN IEC 00529) IP67 Side 2 Conting contact gold plated Commercial dats CECLASS 6.0 27279221 ECLASS 6.0	Coding	В	
No. of poles 5 Witth across fluits SW14 Opegre of protection (EN IEC 60529) IPF Side 2 Coating contact Commercial data Commercial data ECLASS 6.0 27279221 ECLASS 6.1 27279220 ECLASS 7.0 27440103 ECLASS 8.0 27440103 ECLASS 9.0 27440103 ECLASS 10.1 27440103 ECLASS 11.1 27440103 ECLASS 11.1 27440103 ECLASS 12.0 27440103 ECLASS 10.1 27440103 ECLASS 10.1 27440103 ECLASS 10.1 27440103 ECLASS 10.1 27440103 ECLASS 10.0 27440103 ECLASS 10.1 27440103 ECLASS 10.1 27440103 ECLASS 10.0 27440103	Material contact	Copper alloy	
Width across flats SWI 4 Degree of protection (EN IEC 60529) P67 P67 Side 2 Coating portlast gold plated Coating portlast gold plated ECLASS 6.0 27279220 ECLASS 7.0 27440103 ECLASS 7.0 27440103 ECLASS 9.0 27440103 ECLASS 9.1 27440103 ECLASS 9.1.1 27440103 ECLASS 9.1.1 27440103 ECLASS 9.2.0 27440103 <th c<="" td=""><td>Material</td><td>Zinc die-casting</td></th>	<td>Material</td> <td>Zinc die-casting</td>	Material	Zinc die-casting
Degree of protection (EN IEC 60528) IP67 Side 2 Side 2 Coaling contact gold plated Consuling contact gold plated Consuling contact gold plated ECLASS-6.0 27799220 ECLASS-70 27440103 ECLASS-8.0 27440103 ECLASS-9.0 27440103 ECLASS-1.1 27440103 ECLASS-1.2.0 27440103 ECLASS-1.2.0 ECO1855 CELASS-1.0 ECO1855 COUNTIAL OF THE CONTINUE OF THE CONTIN	No. of poles	5	
Side 2 Commercial data gold plated Commercial data Commercial data ECLASS-6.0 27279221 ECLASS-6.1 27279220 ECLASS-7.0 27440103 ECLASS-8.0 27440103 ECLASS-9.0 27440103 ECLASS-11.1 27440103 ECLASS-12.0 27440103	Width across flats	SW14	
Containg contact gold plated Commercial data Commercial data ECLASS-6.0 27279221 ECLASS-7.0 27440103 ECLASS-8.0 27440103 ECLASS-9.0 27440103 ECLASS-9.1 27440103 ECLASS-11.1 27440103 ECLASS-12.0 27440103 ETIM-5.0 ECD1855 ETIM-5.0 EC01855 COLASS-12.0 27440103 ETIM-5.0 EC01855 COLASS-12.0 27440103 ETIM-5.0 EC01855 COLORISTOR 4048879535779 Packaging unit 1 Electrical data Supply Operating voltage AC max. Operating voltage AC max. 125 V Description NEMA 3, 4, 6P Additional Confliction Forection February F	Degree of protection (EN IEC 60529)	IP67	
Commercial data ECLASS 6.0 27279221 ECLASS 7.0 27440103 ECLASS 9.0 27440103 ECLASS 9.0 27440103 ECLASS 9.1 27440103 ECLASS 9.1 27440103 ECLASS 9.1 27440103 ECLASS 9.1 27440103 ECLASS 9.0 27440103	Side 2		
ECLASS-6.0 2779221 ECLASS-6.1 2779220 ECLASS-7.0 27440103 ECLASS-8.0 27440103 ECLASS-9.0 27440103 ECLASS-9.0 27440103 ECLASS-11.1 27440103 ECLASS-11.1 27440103 ECLASS-11.1 27440103 ECLASS-12.0 27440103 ECLASS-10.1 2740103 ECLASS	Coating contact	gold plated	
ECLASS-6.1 27279220 ECLASS-7.0 27440103 ECLASS-9.0 27440103 ECLASS-9.0 27440103 ECLASS-10.1 27440103 ECLASS-11.1 27440103 ECLASS-11.1 27440103 ECLASS-12.0 27440103 ETM-5.0 ECLASS-11.1 27440103 ETM-5.0 ECLASS-11.1 27440103 ETM-5.0 ECLASS-12.0 274401	Commercial data		
ECLASS-6.1 27279220 ECLASS-7.0 27440103 ECLASS-9.0 27440103 ECLASS-9.0 27440103 ECLASS-10.1 27440103 ECLASS-11.1 27440103 ECLASS-11.1 27440103 ECLASS-12.0 27440103 ETM-5.0 ECLASS-11.1 27440103 ETM-5.0 ECLASS-11.1 27440103 ETM-5.0 ECLASS-12.0 274401	FCLASS-6.0	27279221	
ECLASS-7.0 27440103 ECLASS-8.0 27440103 ECLASS-9.0 27440103 ECLASS-10.1 27440103 ECLASS-11.1 27440103 ECLASS-11.1 27440103 ECLASS-12.0 27440103 ECLASS-12.0 27440103 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879535779 Packaging unit 1 Electrical data Supply Operating voltage DC max. 125 V Operating voltage DC max. 125 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Mounting set M 15.5 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage inserted, screwed Pollution Degree 3 Rated surge voltage inserted, screwed Material group (IEC 60664-1) I Mechanical data Material data Contour for corrugated hose without Mechanical data Material data Coating tooking nickel plated Mounting method Schraubgewinde			
ECLASS-8.0 27440103 ECLASS-9.0 27440103 ECLASS-10.1 27440103 ECLASS-11.1 27440103 ECLASS-12.0 27440103 ECLASS-10.1 ECOMBSS customs tariff number 85444290 GTIN 4048879535779 Packaging unit 1 Electrical Supply V Operating voltage AC max. 125 V Operating voltage AC max. 125 V Operating voltage DC max. 125 V Current operating per contact max. 4 A Diagnostics V Status indication LED no Installation Connection No Mounting set M16 x 1.5 Device protection Electrical Protection NEMA Protection NEMA 3. 4, 6P Additional condition protection degree 3 Rated surge voltage 1,5 kV Material struce Cooked+1) 1 Mechanical data Without Mechanical data Material data Vickeled Coating looking			
ECLASS-9.0 27440103 ECLASS-10.1 27440103 ECLASS-11.1 27440103 ECLASS-12.0 27440103 ECLASS-12.0 27440103 ETIM-5.0 ECO01855 GTIM-5.0 ECO01855 GTIM 4048879535779 Packaging unit 1 Electrical data Supply Operating voltage AC max. 125 V Operating voltage AC max. 125 V Operating voltage DC max. 125 V Ourent operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Mounting set M16 x 1.5 Protection NEMA 3, 4, 6P Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1, 5, kV Material group (IEC 60864-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Coating housing nickel plated Coating housing nickel plated Coating forsing material Coating forsing material Locking material Zinc de-casting Methanical data Mounting data Mounting method Schraubgewinde			
ECLASS-10.1 27440103 ECLASS-12.0 27440103 ECLASS-12.0 27440103 ETIM-5.0 EC001855 custons tariff number 85444290 GTIN 4048879535779 Packaging unit 1 Electrical data Supply Operating voltage AC max. 125 V Operating voltage DC max. 125 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Mounting set M16 x 1.5 Device protection Electrical Protection NEMA Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Mechanical data Material data Coating housing nickel plated Coating of fitting nickel plated Coating of fitting nickel plated	ECLASS-9.0		
ECLASS-11.1 27440103 ECLASS-12.0 27440103 ECLASS-12.0 EC01855 customs tariff number 85444290 GTIN 4048879535779 Packaging unit I Electrical data Supply Operating voltage AC max. 125 V Operating voltage DC max. 125 V Current operating per contact max. 4 A Diagnostics Status indication LED no no Installation Connection Mounting set M16 x 1.5 Device protection Electrical Protection NEMA 3, 4, 6P Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Control for corrugated hose without Mechanical data Material date Coating housing nickel plated Coating oloking Nickeled			
ECILASS-12.0 27440103 ETIMS-5.0 EC001885 customs tariff number 85444290 GTIN 4048879535779 Packaging unit 1 Electrical data Supply Operating voltage AC max. 125 V Operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Mounting set M16 x 1.5 Device protection Electrical Protection NEMA 3, 4, 6P Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Mechanical data Material data Contiour for corrugated hose without Mechanical data Material data Coating locking Nickel plated Coating of fitting nickel plated Coating of fitting nickel plated	ECLASS-11.1		
ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 404887953779 Packaging unit 1 Electrical data Supply Operating voltage AC max. 125 V Operating voltage DC max. 125 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Mounting set M16 x 1.5 Device protection Electrical Protection NEMA 3, 4, 6P Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Mechanical data Contour for corrugated hose without Mechanical data Material data Mechanical data Meterial data Coating housing nickel plated Coating of litting nickel plated Coating affitting nickel plated Coating affitting <			
GTIN 404887933779 Packaging unit 1 Electrical data Supply Operating voltage AC max. 125 V Operating voltage DC max. 125 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Mounting set M16 x 1.5 Device protection Electrical Protection NEMA 3, 4, 6P Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Contour for corrugated hose without Mechanical data Material data Contour for corrugated hose without Mechanical fitting nicket plated Coating housing nicket plated Coating material Zinc die-casting Mechanical data Mounting data Zinc die-casting Mechanical flata Mounting data Korraubgewinde	ETIM-5.0		
Packaging unit 1 Electrical data Supply Operating voltage AC max. 125 V Operating voltage DC max. 125 V Current operating recontact max. 4 A Diagnostics Status indication LED Status indication LED no Installation Connection Mounting set M16 x 1.5 Device protection Electrical Protection NEMA 3, 4, 6P Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Victory (EC 60664-1) Mechanical data Material data Victory (EC 60664-1) Coating housing nickel plated Coating flowing nickel plated Coating of fitting nickel plated Coating of fitting nickel plated Locking material Zinc die-casting Material serve connection Zinc die-casting Mechanical data Mounting data Korraubgewinde	customs tariff number		
Electrical data Supply 125 V Operating voltage AC max. 125 V Operating voltage DC max. 125 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Mounting set M16 x 1.5 Device protection Electrical Protection NEMA 3, 4, 6P Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Without Mechanical data Material data Vickel plated Coating housing nickel plated Coating of litting nickel plated Coating of litting nickel plated Locking material Zinc die-casting Methanical data Mounting data Zinc die-casting Methanical data Mounting data Schraubgewinde	GTIN	4048879535779	
Electrical data Supply Operating voltage AC max. 125 V Operating voltage DC max. 125 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Mounting set M16 x 1.5 Device protection Electrical Protection NEMA 3, 4, 6P Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating in busing inickel plated Coating of fitting nickel plated Coating of fitting nickel plated Locking material screw connection inickel plated Mechanical data Mounting data Mounting method Schraubgewinde	Packaging unit		
Operating voltage DC max. 125 V Current operating per contact max. 4 A Diagnostics Status indication LED Installation Connection Mounting set M16 x 1.5 Device protection Electrical Protection NEMA 3, 4, 6P 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 Coating looking nickel plated Coating looking nickel plated Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Schraubgewinde			
Current operating per contact max. 4 A Diagnostics status indication LED no Installation Connection Mounting set M16 x 1.5 Device protection Electrical Protection NEMA 3, 4, 6P Additional condition protection degree inserted, screwed inserted, screwed Pollution Degree 3 3 Rated surge voltage 1,5 kV 1 Mechanical data I Contour for corrugated hose without without Mechanical data Material data I Coating looking notifiting nickel plated Nickeled Coating of fitting nickel plated Inckel plated Locking material Zinc die-casting Mechanical data Mounting data Zinc die-casting Mechanical data Mounting data Koraubgewinde	Operating voltage AC max.	125 V	
Status indication LED no Installation Connection Mounting set M16 x 1.5 Device protection Electrical Protection NEMA 3, 4, 6P 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 Coating housing nickel plated Coating locking Nickeled Coating of fitting nickel plated Locking material Material screw connection Zinc die-casting Metchanical data Mounting data Mounting method Schraubgewinde	Operating voltage DC max.	125 V	
Status indication LED no Installation Connection Mounting set M16 x 1.5 Device protection Electrical Protection NEMA 3, 4, 6P 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 Coating housing nickel plated Coating locking Nickeled Coating of fitting nickel plated Locking material Methanical data Mounting data Mechanical data Mounting data Mechanical data Mounting data Mounting method Schraubgewinde	Current operating per contact max.	4 A	
Mounting set M16 x 1.5 Device protection Electrical Protection NEMA 3, 4, 6P 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 Coating housing nickel plated Coating locking Nickeled Coating of fitting nickel plated Locking material screw connection Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Schraubgewinde	Diagnostics		
Mounting set M16 x 1.5 Pevice protection Electrical Protection NEMA 3, 4, 6P 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 Coating housing nickel plated Coating locking Nickeled Coating of fitting nickel plated Locking material connection Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Schraubgewinde	Status indication LED	no	
Protection NEMA 3, 4, 6P 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 Coating housing nickel plated Coating locking Nickeled Coating of fitting nickel plated Locking material Material screw connection Zinc die-casting Mechanical data Mounting data Mechanical data Mounting data Mechanical data Mounting data Mounting method Schraubgewinde	Installation Connection		
Protection NEMA 3, 4, 6P 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 Coating housing nickel plated Coating locking Nickeled Coating of fitting nickel plated Locking material Locking material Material screw connection Zinc die-casting Mechanical data Mounting data Mechanical data Mounting data Mounting method Schraubgewinde	Mounting set	M16 x 1.5	
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 Coating housing nickel plated Coating locking Nickeled Coating of fitting nickel plated Locking material Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Schraubgewinde	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 Coating housing nickel plated Coating locking Nickeled Coating of fitting nickel plated Locking material Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Schraubgewinde	Protection NEMA	3. 4. 6P	
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 Coating housing nickel plated Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Schraubgewinde	Additional condition protection degree		
Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Coating housing nickel plated Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Schraubgewinde	Pollution Degree		
Material group (IEC 60664-1) Mechanical data Contour for corrugated hose without Mechanical data Material data Coating housing nickel plated Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Schraubgewinde		1,5 kV	
Contour for corrugated hose without Mechanical data Material data Coating housing nickel plated Coating locking Nickeled Coating of fitting nickel plated Locking material Screw connection Zinc die-casting Mechanical data Mounting data Mounting method Schraubgewinde	Material group (IEC 60664-1)	1	
Mechanical data Material data Coating housing nickel plated Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Schraubgewinde	Mechanical data		
Coating housing nickel plated Coating locking Nickeled Coating of fitting nickel plated Locking material Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Schraubgewinde	Contour for corrugated hose	without	
Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Schraubgewinde	Mechanical data Material data		
Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Schraubgewinde	Coating housing	nickel plated	
Locking material Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Schraubgewinde	Coating locking	Nickeled	
Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Schraubgewinde	Coating of fitting	nickel plated	
Mechanical data Mounting data Mounting method Schraubgewinde	Locking material	Zinc die-casting	
Mounting method Schraubgewinde	Material screw connection	Zinc die-casting	
	Mechanical data Mounting data		
	Mounting method	Schraubgewinde	
	Looking techniques		

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: 2024-04-25



stay connected

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)
Approvals	
UL 50E	yes
Installation Cable	
Cable identification	975
wire arrangement	brown, white, blue, black, green-yellow
Material wire insulation	PUR
Amount wires	5
Outer diameter insulation	1,3 mm
Outer diameter tolerance core insulation	± 5 %
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	copper stranded wire, tinned
Electrical resistance line constant wire	58 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	1,5 kV
AC withstand voltage power (wire - wire)	1,5 kV
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	90 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	90 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter