

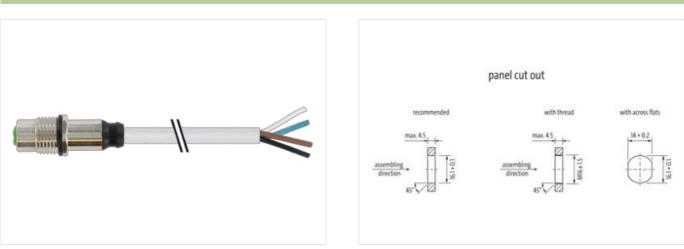
M12 female recept. A-kod. with cable rear

PUR 4x0.34 gr UL/CSA 5.0m

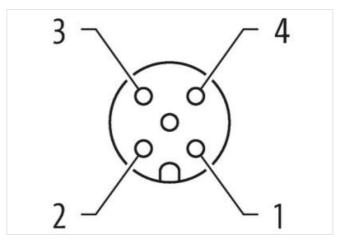
Flange female M12, 4-pole Rear mounting Further cable lengths on request. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration







Product may differ from Image

Cable length	5 m	
Side 1		
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	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19

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Material	Brass	
No. of poles	4	
Degree of protection (EN IEC 60529)	IP67	
Side 2		
Stripping length (jacket)	20 mm	
Commercial data		
ECLASS-6.0	27279220	
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-12.0	27440103	
ETIM-5.0	EC002061	
customs tariff number	85444290	
GTIN	4065909066577	
Packaging unit	1	
Electrical data Supply		
Dperating voltage AC max.	250 V	
Operating voltage DC max.	250 V	
Current operating per contact max.	4 A	
Diagnostics		
Status indication LED	no	
Installation Connection		
Stripping length (jacket)	20 mm	
Mounting set	M16 x 1.5	
Width across flats	SW19	
Device protection Electrical		
Protection NEMA	3, 4, 6P	
Additional condition protection degree	inserted, screwed	
Pollution Degree	3	
Rated surge voltage	2,5 kV	
Material group (IEC 60664-1)	I	
Mechanical data Material data		
Coating of fitting	nickel plated	
Material gasket	FKM	
Vaterial screw connection	Brass	
Mechanical data Mounting data		
	Cabrauhaanuinda	
Mounting method	Schraubgewinde	
Looking techniques	Schraubgewinde	
Environmental characteristics Climatic		
Operating temperature min.	-25 °C	
Operating temperature max.	85 °C	
Additional condition temperature range	depending on cable quality	
Important installation notes		
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	

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Installation (Cable 234 Cable Type 3 Jacket Clobr gray Type of Certificatia UPLus Annout stranding 1 Stranding 4 wircs twisted wire arrangement brown, black, blue, white Cable Wight 36.3 gm Material jacket PUR Shore hardness jacket 50.1 f. Shore A Freedom from ingraderia (jacket) 60.1 f. Shore A Cable wight 35.3 gm Material jacket PUR Shore hardness jacket 50.1 f. Shore A Tolerance outer diameter (sealth) 1.5 % Material water installation PP Antonut wires 4 Outer diameter installation 1.25 mm Outer diameter installation 1.25 mm Outer diameter installation 1.25 mm Caula dianger installation 1.25 mm Caular diameter installation	UL 50E	yes
Cable Type 9 Jacket Color gray Type of Certificate URus Annount stranding 1 Stranding 4 wises hvisted wite arrangement brown, black, blue, white Cable weight 98.3 g/m Material jacket PUR Strom throffness jucket 90.5 S brors A Freedom from ingrodients (jacket) 48.0 free, cambium free, CFC free, halogen-free, silicone-free Outer-diameter (jacket) 4.5 mm Tolerance outer diameter (jacket) 5.5 from Antoinut wins 4 Outer diameter insulation PP Antoinut wins 4 Outer diameter insulation 1.25 mm Outer diameter insulation 1.25 mm Outer diameter insulation 1.95 from Po Anount strands (wire) 42 Diameter or single wires 0.1 mm Conductor torge service insulation 1.92 from Po Contuctor torge (wires) Stranded copper wire, bare Contuctor torge (wires) Stranded copper wire, bare Contructor torge (wires)	Installation Cable	
Jackat Color gray Type of Certificate cuRus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigh 36.3 g/m Matorial jacked PUR Strone hardness jacket 90.5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4.5 mm Tolerance outer diameter (shall) 4.5 % Material wire insulation PP Arnoutt wires 4 Outer diameter insulation 1.25 mm Duter diameter insulation 1.25 mm Conductor ryps wire insulation 1.25 mm Conductor ryps wire insulation 1.25 mm Conductor ryps (wire) 0.34 mm ² Material conductor wire 0.34 mm ² Material conductor wire Stranded copper wire, bare Conductor ryps (w	Cable identification	234
Type of Certificate cu/Flus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigh 36,3 g/m Material jacket PUR Shore hardness jacket 90:5 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4.5 mm Tolerance outer diameter (sheath) 5 5% Amount wires 4 Anount wires 4 Outer diameter insulation 1.25 mm Outer diameter trisulation 1.25 mm Outer diameter insulation 1.25 mm Outer diameter insulation 1.25 mm Outer diameter insulation 1.25 mm Canductor crosssection (wire) 0.1 mm Canductor crosssection (wire)<	Cable Type	3
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Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) 4,5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Arnount wires 4 Outer diameter insulation 1.25 mm Constructions wire insulation 1.25 mm Conductor wire Stranded copper wire, bare Conductor wire Stranded copper wire, bare Conductor wire Stranded copper wire, bare Current	Cable weigth	36,3 g/m
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Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 1.25 mm Outer diameter insulation ± 5 % Shore hardness wire insulation ± 5 % Shore hardness wire insulation 10 ± 5 Shore D Ingredent (reneess wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm ² Material conductor wire Stranded coper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C (horizontal Nominal voltage AG max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0296 °C AC withstand voltage (wire ~vire) 2,5 kV @ 60 s	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PP Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter folderance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient treeness wire insulation 12 5 % Shore hardness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor wire Stranded copper wire, bare Conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current toad capacity (strandard) to DIN VDE 0298-4 Current toad capacity (min. wire 4,8 A Electrical resistance line constant wire 57 Dkm @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max operating temperature (static) -40 °C Max operating temperature (static) -25 °C Operating tempe	Outer-diameter (jacket)	4,5 mm
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Outer diameter insulation 1,25 mm 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) 42 Diameter of single wires 0,1 mm Conductor vire Stranded copper wire, bare Conductor vire Strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (istandard) to DIN VDE 0298-4 Current load capacity (ini, wire 4.8 A Electrical resistance line constant wire 57 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2.5 KV @ 60 s Power frequency withstand voltage (wire - acked) 40 °C Max. operating temperature (fixed) 40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature (fixed) <td>Material wire insulation</td> <td>PP</td>	Material wire insulation	PP
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 Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current toad capacity (standard) to DIN VDE 0298-4 Current toad capacity (standard) to DIN VDE 0298-4 Current toad capacity min. wire 4.8 A Electrical resistance line constant wire 57 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - aster aste aster aste aster aster aster aster aster aster aster aster ast	Amount wires	4
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) 42 Diameter of single wires 0,1 mm Conductor rossection (wire) 0.34 mm ² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (min. wire 4.8 A Electrical resistance is 5 K V @ 60 s Power frequency withstand voltage (wire - 2,5 k V @ 60 s <td>Outer diameter insulation</td> <td>1,25 mm</td>	Outer diameter insulation	1,25 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crossection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current Load capacity (standard) to DIN VDE 0298-4 Current Load capacity (standard) 52 %C @ 00 % Ac withstand voltage (wire - vire) 2.5 kV @ 60 % Min. operating temperature (standard) 80 %C / 9	Outer diameter tolerance core insulation	±5%
Amount strands (wire)42Diameter of single wires0,1 mmConductor rosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontalNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)2,5 kV @ 60 sPower frequency withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - lacket)2,5 kV @ 60 sMin. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CImmeretiang temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CGasoline resistanceEC 6033-2-2 I UL 1581 § 1090 I UL 1581 § 1100 FT2Chemical resistanceGood, application-related testingGil resistanceGood, application-related testingGil resistanceGood, application-related testingOil resistanceGood, application-related testing I DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (fixed)5 x Outer diameterBe	Shore hardness wire insulation	70 ± 5 Shore D
Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (win- wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - 4.8 A Electrical resistance line constant wire 57 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - 4.8 A 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Conductor wire 4.8 A Electrical resistance line constant wire 57 Q/km @ 20 °C Ac withstand voltage (wire - wire) 2.5 kV @ 60 s Jacket/ acket/ 60 s Max. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation	Amount strands (wire)	42
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Electrical resistance line constant wire 57 Q/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - jacket) 40 °C 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 min. (dynamic) -25 °C Operating temperature min. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance IEC 60332-2-2 I UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance<	Diameter of single wires	0,1 mm
Conductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontalNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4.8 AElectrical resistance line constant wire57 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (ifxed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testi	Conductor crosssection (wire)	0,34 mm ²
Traversing distance (C-track)10 m @ 25 °C horizontalNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4.8 AElectrical resistance line constant wire57 Q/km @ 20 °CAC withstand voltage (wire - wire)2.5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (static)-40 °COperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationOperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceIEC 60332-22 I UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)5 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m	Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Electrical resistance line constant wire 57 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - jacket) 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) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance IEC 60332-2-2 I 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	Conductor type (wire)	strand class 6
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Electrical resistance line constant wire 57 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - jacket) 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 EC 60332-2-2 UL 1581 § 1000 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Din x Outer diameter Ending radius (dynamic) 10	Traversing distance (C-track)	10 m @ 25 °C horizontal
Current load capacity min. wire4.8 AElectrical resistance line constant wire57 Ω/km @ 20 °CAC withstand voltage (wire - wire)2.5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingDiffigr adius (fixed)5 x Outer diameterBending radius (fixed)5 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m	Nominal voltage AC max.	300 V
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AC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingDi v Outer diameterTravel speed (C-track)No. of torsion cycles2 Mio.Torsion stress± 180 °/m	Current load capacity min. wire	4,8 A
Power frequency withstand voltage (wire - jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingDi N couter diameterTravel speed (C-track)Travel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m	Electrical resistance line constant wire	57 Ω/km @ 20 °C
jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingDifferenceGood, application-related testingOil resistanceGood, application-related testingDifferenceS × Outer diameterBending radius (fixed)5 × Outer diameterBending radius (dynamic)10 × Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m	AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Max. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingDil resistanceGood, application-related testingDin so (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m		2,5 kV @ 60 s
Operating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m	Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Flame resistanceIEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)5 × Outer diameterBending radius (dynamic)10 × Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m	Operating temperature min. (dynamic)	-25 °C
chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m	Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
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 Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	chemical resistance	Good, application-related testing
Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Gasoline resistance	Good, application-related testing
Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Oil resistance	Good, application-related testing DIN EN 60811-404
Travel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m	Bending radius (fixed)	5 x Outer diameter
No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Bending radius (dynamic)	10 x Outer diameter
Torsion stress ± 180 °/m	Travel speed (C-track)	10 Mio. @ 25 °C
	No. of torsion cycles	2 Mio.
Torsion speed 35 cycles/min	Torsion stress	± 180 °/m
	Torsion speed	35 cycles/min

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19

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