

## M12 male 0°/ M12 male recept. Y-cod. shielded rear

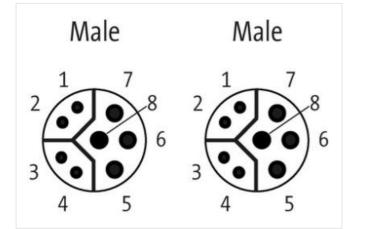
PUR AWG20/26 shielded gn UL/CSA+drag ch. 1m

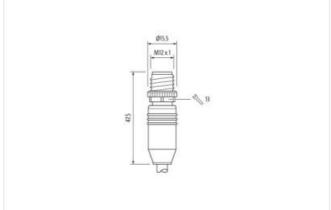
M12 – M12 Male straight – flange male straight Ethernet CAT5 8-pole, shielded Rear mounting with cable sleeves Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product



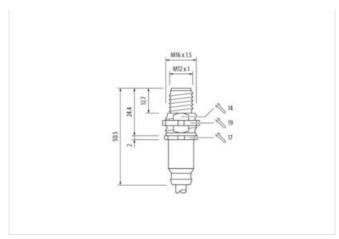
1	white/orange	- 1
2	orange	- 2
3	white/green	
	green	
	i blue i	
6	white	
7	brown	-
8	black	
<u> </u>	shield	





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: 2024-06-23





Product may differ from Image



Cable length	1 m
Side 1	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
Coding	Y
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
Side 2	
Tightening torque	0,6 Nm
Coating head	nickel plated
Family construction form	M12
Thread	M12 x 1
Coding	Y
Material	Brass
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	EC001855
customs tariff number	85444290
GTIN	4048879651929
Packaging unit	1
Electrical data   Supply	
Operating voltage DC max.	30 V
Operating current per data contact max.	0,5 A

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Operating current per power contact max. 6 A

Industrial communication	
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	100 MBit/s
Industrial communication   Ethernet func	tionality
duplex	Full duplex
Device protection   Electrical	
Degree of protection (ISO 20653:2013)	IP66K
Protection NEMA	3, 4, 6P
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	
Mechanical data	
Contour for corrugated hose	without
Mechanical data   Material data	
Coating locking	Nickeled
_ocking material	Zinc die-casting
Mechanical data   Mounting data	·
	insected coround Chaling protection
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
Important installation notes	
Mate an abada will f	Protect the compositors by quitable measures from mechanical leads, a g, by the usage of cable tice
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on strain relief 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.
	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on bending radius Approvals	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Note on bending radius Approvals UL 50E	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on bending radius Approvals JL 50E Installation   Cable	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Note on bending radius Approvals JL 50E Installation   Cable wire arrangement	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         yes         black, brown, white, blue, (orange-white, green, orange, green-white)
Note on bending radius Approvals JL 50E Installation   Cable wire arrangement Cable identification	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         yes         black, brown, white, blue, (orange-white, green, orange, green-white)         805
Note on bending radius Approvals JL 50E Installation   Cable wire arrangement Cable identification Jacket Color	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         yes         black, brown, white, blue, (orange-white, green, orange, green-white)         805         green
Note on bending radius Approvals JL 50E Installation   Cable wire arrangement Cable identification Jacket Color Type of Certificate	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         yes         black, brown, white, blue, (orange-white, green, orange, green-white)         805         green         cURus
Note on bending radius Approvals JL 50E Installation   Cable wire arrangement Cable identification Jacket Color Type of Certificate Amount stranding	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         yes         black, brown, white, blue, (orange-white, green, orange, green-white)         805         green         cURus         1
Note on bending radius Approvals JL 50E Installation   Cable wire arrangement Cable identification Jacket Color Type of Certificate Amount stranding Stranding	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         yes         black, brown, white, blue, (orange-white, green, orange, green-white)         805         green         cURus         1         4 wires around 1 Filler twisted
Note on bending radius  Approvals  JL 50E  Installation   Cable  wire arrangement Cable identification Jacket Color  Type of Certificate  Amount stranding Stranding Amount stranding (type 2)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         yes         black, brown, white, blue, (orange-white, green, orange, green-white)         805         green         cURus         1         4 wires around 1 Filler twisted         1
Note on bending radius  Approvals  JL 50E  Installation   Cable  wire arrangement Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         yes         black, brown, white, blue, (orange-white, green, orange, green-white)         805         green         cURus         1         4 wires around 1 Filler twisted         1         4 wires around Stranding combination with Filler twisted
Note on bending radius  Approvals  JL 50E  Installation   Cable  vire arrangement Cable identification lacket Color  Fype of Certificate Amount stranding Stranding Amount stranding (type 2) Cable shielding (type)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         yes         black, brown, white, blue, (orange-white, green, orange, green-white)         805         green         cURus         1         4 wires around 1 Filler twisted         1         4 wires around Stranding combination with Filler twisted         copper braid, tinned
Note on bending radius  Approvals  JL 50E  Installation   Cable  wire arrangement Cable identification Jacket Color Type of Certificate  Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         yes         black, brown, white, blue, (orange-white, green, orange, green-white)         805         green         cURus         1         4 wires around 1 Filler twisted         1         4 wires around Stranding combination with Filler twisted         copper braid, tinned         85 %
Approvals         JL 50E         Installation   Cable         vire arrangement         Cable identification         Jacket Color         Fype of Certificate         Amount stranding         Stranding         Amount stranding (type 2)         Cable shielding (type)         Cable shielding (type)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         yes         black, brown, white, blue, (orange-white, green, orange, green-white)         805         green         cURus         1         4 wires around 1 Filler twisted         1         4 wires around Stranding combination with Filler twisted         copper braid, tinned         85 %         copper braid, tinned
Note on bending radius  Approvals  JL 50E  Installation   Cable  wire arrangement Cable identification Jacket Color  Type of Certificate  Amount stranding Stranding Amount stranding (type 2) Cable shielding (type) Cable shielding (type) Pair shielding (type) Banding	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         yes         black, brown, white, blue, (orange-white, green, orange, green-white)         805         green         cURus         1         4 wires around 1 Filler twisted         1         4 wires around Stranding combination with Filler twisted         copper braid, tinned         85 %         copper braid, tinned
Note on bending radius  Approvals  JL 50E  Installation   Cable  wire arrangement Cable identification Jacket Color  Type of Certificate  Amount stranding Stranding Amount stranding (type 2) Cable shielding (type) Cable shielding (type) Cable shielding (type) Banding Filler	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         yes         black, brown, white, blue, (orange-white, green, orange, green-white)         805         green         cURus         1         4 wires around 1 Filler twisted         1         4 wires around Stranding combination with Filler twisted         copper braid, tinned         85 %         copper braid, tinned         Fleece, Foil         yes
Note on bending radius  Approvals  JL 50E  Installation   Cable  wire arrangement Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Cable shielding (type) Cable shielding (type) Pair shielding (type) Banding Filler wire arrangement	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         yes         black, brown, white, blue, (orange-white, green, orange, green-white)         805         green         cURus         1         4 wires around 1 Filler twisted         1         4 wires around Stranding combination with Filler twisted         copper braid, tinned         85 %         copper braid, tinned         Fleece, Foil         yes
Note on bending radius  Approvals  JL 50E  Installation   Cable  wire arrangement Cable identification Jacket Color Type of Certificate  Amount stranding Stranding Amount stranding (type 2) Cable shielding (type) Cable shielding (type) Pair shielding (type) Banding Filler  wire arrangement Cable weigth	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         yes         black, brown, white, blue, (orange-white, green, orange, green-white)         805         green         cURus         1         4 wires around 1 Filler twisted         1         4 wires around Stranding combination with Filler twisted         copper braid, tinned         85 %         copper braid, tinned         Fleece, Foil         yes         black, brown, white, blue, (orange-white, green, orange, green-white)
Note on bending radius  Approvals  UL 50E Installation   Cable wire arrangement Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Cable shielding (type) Cable shielding (type) Pair shielding (type) Banding Filler wire arrangement Cable weigth Material jacket	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         yes         black, brown, white, blue, (orange-white, green, orange, green-white)         805         green         cURus         1         4 wires around 1 Filler twisted         1         4 wires around Stranding combination with Filler twisted         copper braid, tinned         85 %         copper braid, tinned         Fleece, Foil         yes         black, brown, white, blue, (orange-white, green, orange, green-white)         107.8 g/m         PUR
Note on bending radius  Approvals  UL 50E Installation   Cable wire arrangement Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Cable shielding (type 2) Cable shielding (type) Cable shielding (type) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         yes         black, brown, white, blue, (orange-white, green, orange, green-white)         805         green         cURus         1         4 wires around 1 Filler twisted         1         4 wires around Stranding combination with Filler twisted         copper braid, tinned         85 %         copper braid, tinned         Fleece, Foil         yes         black, brown, white, blue, (orange-white, green, orange, green-white)         107,8 g/m         PUR         90 ± 5 Shore A
Note on bending radius  Approvals  UL 50E Installation   Cable wire arrangement Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Cable shielding (type) Cable shielding (type) Pair shielding (type) Banding Filler wire arrangement Cable weigth	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         yes         black, brown, white, blue, (orange-white, green, orange, green-white)         805         green         cURus         1         4 wires around 1 Filler twisted         1         4 wires around Stranding combination with Filler twisted         copper braid, tinned         85 %         copper braid, tinned         Fleece, Foil         yes         black, brown, white, blue, (orange-white, green, orange, green-white)         107.8 g/m         PUR

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Anourt wine         4           Outer diameter insulation         1.5 mm           Outer diameter insulation         5.5 hr b D           Brow hardness wire insulation         5.5 hr b D           Brow hardness wire insulation         1.6 km           Conductor crosssection (wire)         19           Dameter dissipation (bits)         20 AWG           Conductor crosssection (wire)         20 AWG           Conductor serves insulation (Data)         5 hr b           Store hardness wire insulation (Data)         5 hr b           Dameter display wire insulation (Data)         5 hr b           Improderin fuoreness wire insulation (Data)         5 hr b           Conductor crosssection wire (Data)         19           Dameter display wires (Data)         26 AWG           Conductor crosssection wire (Data)         26 AWG           Controt toal capacity rim, wire         5 hr           Current toal capacity rim, wire         5 hr           Current toal capacity rim, wire<	Material wire insulation	PP
Outer diameter tolerance one isolation $\pm$ 5 %Shore hardness wire insulation55 $\pm$ 5 Shore DImpedient feereas wire insulationlead-Ree, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (vire)20 AWGCanductor crosssection (vire)20 AWGCanductor viressaction (vire)20 AWGCanductor viressaction (vire)20 AWGCanductor crosssection (vire)20 AWGShore hardness wire insulation (Data)55 $\pm$ 5 Shore DIngredient feeness wire insulation (Data)55 $\pm$ 5 Nore DIngredient feeness wire insulation (Data)4Amount wires (Data)4Canductor crosssection wire (Data)28 AWGCanductor crosssection wire (Data)28 AWGCanductor crosssection wire (Data)28 AWGCarrent load capacity (min. wire (Data)2 ACarrent load capacity min. wire (Data)1 N Q @ 0 sCarrent load capacity min. wire (Data)2 ACarrent load capacity min. wire (Data)2 ACarrent load capacity min. wire (Data)2 A <td>Amount wires</td> <td>4</td>	Amount wires	4
Shore hardness wire insulation         55 ± 5 Shore D           Impredient Internets wire insulation         Ited free, cadmium-free, CPC-free, halogen-free, silicone-free           Amount stand, (win)         19           Danoter of single wires         20 AWG           Canductor ressesciton (wire)         20 AWG           Material conductor wire         Stranded copper wire, bare           Material conductor wire         Stranded copper wire, bare           Material conductor wire insulation (data)         1,1 mm           Tolerance outer diameter wire insulation (data)         5 %           Shore hardness wire insulation (bata)         4           Amount strands wire (Data)         4           Amount strands wire (Data)         28 AWG           Conductor crosssection wire (Data)         Starded copper wire, bare           Nermal voltage AC max.         60 V           Current load capacity min. wire         5,9 A           Current load capacity min. wire         5,0 A           Current load capacity min. wire         5,0 Chm	Outer diameter insulation	1,5 mm
Ingredient freeness wire insulation lead-free, cadmum-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 19 Dimeter of single wires 20 AWG Conductor crosseaction (wire) 20 AWG Dimeter of single wires 20 AWG Conductor wire insulation (Data) PP Outer diameter wire insulation (Data) PP Outer diameter wire insulation (Data) 5 % Shore hardness wire insulation (Data) 5 % Constactor crossessedion wire (Data) 5 % Constactor	Outer diameter tolerance core insulation	±5%
Amount strands (wire)         19           Diameter of single wires         20 AWG           Conclustor crossection (wire)         20 AWG           Material wire insulation (Data)         PP           Outre diameter wire insulation (Data)         1.1 mm           Tolerace outre diameter wire insulation (Data)         5.5 ± 5 Shore D           Ingredient freeness wire insulation (Data)         5.4 ± 5 Shore D           Ingredient freeness wire insulation (Data)         4           Amount strands wire (Data)         4           Amount strands wire (Data)         4           Amount strands wire (Data)         26 AWG           Conductor crossection wire (Data)         5.9 A           Current load capacity min. wire         5.9 A           Current load capacity (standard)         10 DIN VEE 0298-4           Current load capacity (standard)         10 DIN VEE 0298-4           Current load capacity min. wire         5.9 A	Shore hardness wire insulation	55 ± 5 Shore D
Diameter of aingle wires         20 AWG           Conductor rosssection (wire)         20 AWG           Material conductor wire         Stranded copper wire, bare           Material conductor wire         Stranded copper wire, bare           Outer diameter wire insulation (Data)         PP           Outer diameter wire insulation (Data)         1,1 mm           Tolerance cuter diameter wire insulation (Data)         55 5 5 Shore D           Ingredient freeness wire insulation (Data)         4           Amount wires (Data)         4           Amount wires (Data)         26 AWG           Conductor crosssection wire (Data)         26 AWG           Conductor wire (Data)         26 AWG           Conductor wire (Data)         26 AWG           Current load capacity (standard)         10 DIN VDE 0288.4           Current load capacity (min. wire)         5.9 A           Current load capacity min. wire         5.9 A <td< td=""><td>Ingredient freeness wire insulation</td><td>lead-free, cadmium-free, CFC-free, halogen-free, silicone-free</td></td<>	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Conductor crossection (wire)         20 AWG           Material conductor wire         Stranded copper wire, bare           Material wire insulation (Data)         PP           Outer diameter wire insulation (Data)         5 f 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Amount strands (wire)	19
Material conductor wire         Stranded copper wire, bare           Material wire insulation (Data)         PP           Colord dimeter wire insulation (Data)         1.1 mm           Tolerance outer diameter wire insulation (data)         ± 5 %           Shore hardness wire insulation (Data)         55 ± 5 Shore D           Imgredient freeness wire insulation (Data)         44           Amount strands wire (Data)         26 AWG           Conductor crossection wire (Data)         26 AWG           Conductor crossection wire (Data)         26 AWG           Conductor wire (Data)         2 A           Current load capacity min. Wire (Data)         2 A           Current load capacity min. Wire (Data)         2 A           Characteristic impedance         100 0 2 ± 15 % @ 1 MHz           Electrical capacity line constant (wire - wire)         1 kV @ 60 s           Electrical capacity line constant (wire - wire)         1 kV @ 60 s           Stocolor DA         Mm. operatino tenoperature	Diameter of single wires	20 AWG
Material wire insulation (Data)         PP           Outer diameter wire insulation (Data)         1.1 mm           Tolerance uiter insulation (Data)         55 ± 5 Shore D           Ingredient treeness wire insulation (Data)         55 ± 5 Shore D           Ingredient treeness wire insulation (Data)         16 defree. edmium-free. CFC-free, halogen-free. Silicone-free           Amount wire (Data)         4           Amount wire (Data)         19           Diameter of single wires (Data)         26 AWG           Conductor screensection wire (Data)         28 AWG           Conductor vire (Data)         28 AWG           Conductor vire (Data)         51 anded copper wire, bare           Nominal voltage AC max.         60 V           Current load capacity (slamadard)         to DIN VDE 0298-4           Current load capacity	Conductor crosssection (wire)	20 AWG
Outer diameter wire insulation (Data)         1,1 mm           Tolerance outer diameter wire insulation (Data)         5 %           Shore hardness wire insulation (Data)         lead free, cadmium free, CFC free, halogen free, allicone free           Amount stands wire (Data)         4           Amount stands wire (Data)         19           Diameter of single wires (Data)         26 AWG           Conduct crosssection wire (Data)         Standed coper wire, bare           Nominia voltage AC max.         60 V           Current load capacity (Istandard)         to IN VDE 0298-4           Current load capacity (Istandard)         to IN VDE 0298-4           Current load capacity min. wire         5.9 A           Current load capacity min. wire         35 Ωkm           Electrical resistance line constant wire         35 Ωkm           Electrical resistance line constant wire         35 Qkm           Electrical resistance coaling wire (Data)         14 V @ 60 s           Ac withstand voltage (wire - shield)         1 kV @ 60 s           Electrical resistance         5000 PF.km           Power frequency withstand voltage (wire - shield)         1 kV @ 60 s           Electrical casistance         600 MQ           Min. operating temperature (stacd)         80 °C / 90 °C @ 10000 h Operation           Operating t	Material conductor wire	Stranded copper wire, bare
Tolerance outer diameter wire insulation (data) $\pm 5 \%$ Shore hardness wire insulation (Data)55 ± 5 Shore DIngredient freeness wire insulation (Data)4Amount wires (Data)4Amount wires (Data)19Diameter of single wires (Data)26 AWGConductor crosssection wire (Data)26 AWGConductor vire (Data)Stranded copper wire, bareNominal voltage wires (Data)60 VCurrent load capacity (standard)to DIN VDE 0298.4Current load capacity (standard)to DIN VDE 0298.4Current load capacity min, wire5.9 ACurrent load capacity min, wire (Data)2 ACharacteristic impedance100 $\Omega \pm 15 \% \oplus 1$ MHzElectrical resistance line constant wire (Data)140 $\Omega \pm 15 \% \oplus 1$ MHzElectrical resistance coating wire (Data)140 $\Omega \pm 15 \% \oplus 1$ MHzElectrical resistance coating wire (Data)140 $\Omega \pm 15 \% \oplus 1$ MHzElectrical resistance (Mire - wire)52000 $PF/km$ Power frequeny withstand voltage (wire - isold)1 kV $\oplus 60$ sElectrical capacity line constant (wire - wire)52000 $DC$ Mar. operating temperature (static)-50 °CMax. operating temperature (static)-50 °CMax. operating temperature (static)-60 °COperating temperature (static)60 °C / 90 °C $\oplus$ 10000 h OperationOperating temperature max. (dynamic)80 °C / 90 °C $\oplus$ 10000 h OperationOperating temperature max. (dynamic)80 °C / 90 °C $\oplus$ 10000 h OperationOperating temperature max. (dynamic)60 °C / 90 °C $\oplus$ 1000	Material wire insulation (Data)	PP
Shore hardness wire insulation (Data)55 ± 5 Shore DIngredient freeness wire insulation (Data)Iead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands wire (Data)4Amount strands wire (Data)26 AWGConductor crossection wire (Data)26 AWGMaterial conductor wire (Data)Stranded copper wire, bareNominal voltage AC max.60 VCurrent load capacity (standard)to DIN VDE 0288-4Current load capacity min. Wire (Data)2 ACharacteristic impedance100 $\Omega \pm 15 \% \oplus 1$ MHzElectrical resistance000 $\Omega \pm 15 \% \oplus 1$ MHzElectrical resistance locating wire (Data)140 $\Omega km$ AC withstand voltage (wire - wire)1 kV $\oplus 60$ sElectrical resistance coating wire (Data)40 $\Omega^{km}$ AC withstand voltage (wire - shield)1 kV $\oplus 60$ sIsolation resistance5000 MGMin. operating temperature (static)-50 °CMax. operating temperature (fixed)80 °C / 90 °C $\oplus 10000$ h OperationOperating temperature (fixed)80 °C / 90 °C $\oplus 10000$ h OperationOperating temperature (fixed)80 °C / 90 °C $\oplus 10000$ h OperationOperating temperature (fixed)80 °C / 90 °C $\oplus 10000$ h OperationOperating temperature (fixed)50 °C $\oplus 10000$ h OperationOperating temperature (fixed)80 °C / 90 °C $\oplus 10000$ h OperationOperating temperature (fixed)80 °C / 90 °C $\oplus 10000$ h OperationOperating temperature (fixed)50 °C $\oplus 10000$ h OperationOperating temperature (fixed)50 °C $\oplus 10000$ h Operation	Outer diameter wire insulation (Data)	1,1 mm
Ingredient freeness wire insulation (Data)lead-free, cadmium-free, CFC-free, halogen-freeAmount strands wire (Data)4Amount strands wire (Data)19Diameter of single wires (Data)28 AWGConductor crossection wire (Oata)Stranded copper wire, bareMaterial conductor wire (Data)Stranded copper wire, bareMaterial conductor wire (Data)to DIN VDE Co284.4Current load capacity (standard)to DIN VDE Co284.4Current load capacity min. Wire (Data)2 ACharacteristic impedance100 $\Omega \pm 15  \% \oplus 1$ MHzCharacteristic impedance100 $\Omega \pm 15  \% \oplus 1$ MHzElectrical resistance coating wire (Data)1 kV $\oplus$ 60 sElectrical resistance coating wire (Data)1 kV $\oplus$ 60 sElectrical capacity line constant (wire - wire)1 kV $\oplus$ 60 sElectrical capacity line constant (wire - wire)1 kV $\oplus$ 60 sElectrical capacity line constant (wire - wire)1 kV $\oplus$ 60 sElectrical capacity line constant (wire - wire)1 kV $\oplus$ 60 sCorrentor of compariting temperature (static)-50 °CMax. operating temperature (static)-50 °CMax. operating temperature (static)-50 °CMax. operating temperature max. (dynamic)80 °C / 90 °C $\oplus$ 10000 h OperationOperation (Deparation temperature max. (dynamic)80 °C / 90 °C $\oplus$ 10000 h OperationOperating temperature max. (dynamic)80 °C / 90 °C $\oplus$ 10000 h OperationOperating temperature max. (dynamic)80 °C / 90 °C $\oplus$ 10000 h OperationOperating temperature max. (dynamic)80 °C / 90 °C $\oplus$ 10000	Tolerance outer diameter wire insulation (data)	±5%
Amount wires (Data)       4         Amount strands wire (Data)       19         Diameter of single wires (Data)       26 AWG         Conductor crosssection wire (Data)       26 AWG         Material conductor wire (Data)       Stranded copper wire, bare         Nominal voltage AC max.       60 V         Current load capacity (standord)       to DIN VDE 298-4         Current load capacity min. wire       5, 9 A         Current load capacity min. wire       5, 9 A         Current load capacity min. Wire (Data)       2 A         Characteristic impedance       100 Ω ± 15 % Ø 1 MHz         Electrical resistance line constant wire       35 Ω/km         Electrical resistance conting wire (Data)       14 V Ø 80 s         Electrical ageakity line constant (wire - wire)       52000 pF/km         Power frequency withstand voltage (wire - shield)       1 kV Ø 80 s         Electrical ageakity line constant (wire - wire)       1 kV Ø 80 s         Soluto resistance       5000 MC         Min. operating temperature (static)       -50 °C         Mac. operating temperature (static)       -50 °C         Operating temperature max. (dynamic)       40 °C         Operating temperature max. (dynamic)       80 °C / 90 °C @ 10000 h Operation         Operating temperature max. (dynamic)<	Shore hardness wire insulation (Data)	55 ± 5 Shore D
Amount strands wire (Data)       19         Diameter of single wires (Data)       26 AWG         Conductor crosssection wire (Data)       26 AWG         Matrial conductor wire (Data)       Stranded copper wire, bare         Nominal voltage AC max.       60 V         Current load capaolty (stranderd)       to DIN VDE 0298-4         Current load capaolty (stranderd)       to DIN VDE 0298-4         Current load capaolty (stranderd)       to DIN VDE 0298-4         Current load capaolty (min. Wire (Data)       2 A         Characteristic impedance       100 Ω ± 15 % @ 1 MHz         Electrical resistance coating wire (Data)       140 Ωkm         AC withstand voltage (wire - wire)       1 kV @ 60 s         Electrical capaolty (line constant (wire - wire)       52000 pF/km         Power fraquency withstand voltage (wire - shield)       1 kV @ 60 s         Isolation resistance       5000 MΩ         Min. operating temperature (static)       -50 °C         Max. operating temperature (static)	Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Diameter of single wires (Data)         26 AWG           Conductor crosssection wire (Data)         26 AWG           Material conductor wire (Data)         Stranded copper wire, bare           Nominal voltage AC max.         60 V           Current toad capacity (standard)         to DN VDE 0298-4           Current toad capacity min. wire         5,9 A           Current toad capacity min. wire (Data)         2 A           Characteristic impedance         100 Ω ± 15 % @ 1 MHz           Electrical resistance ine constant wire         35 Ω/km           Electrical resistance coating wire (Data)         14 Ω Ω/km           AC withstand voltage (wire - wire)         1 KV @ 60 s           Electrical capacity inic constant (wire - wire)         52000 pF/km           Power frequency withstand voltage (wire - shield)         1 KV @ 60 s           Isolation resistance         5000 NΩ           Max. operating temperature (static)         -50 °C           Generature max. (dynamic)         80 °C / 90 °C @ 10000 h Operation           Generating temperature (static)	Amount wires (Data)	4
Conductor crosssection wire (Data)       26 AWG         Material conductor wire (Data)       Stranded copper wire, bare         Nominal voltage AC max.       60 V         Current Load capacity (standard)       to DIN VDE 0298-4         Current Load capacity min. Wire (Data)       2 A         Characteristic impedance       100 Ω ± 15 % @ 1 MHz         Electrical resistance Ine constant wire       35 Ω/km         Electrical resistance coating wire (Data)       140 Ω/km         AC withstand voltage (wire - wire)       1 kV @ 60 s         Electrical capacity line constant (wire - wire)       52000 pF/km         Power frequency withstand voltage (wire - iacket)       1 kV @ 60 s         Isolation resistance       5000 MQ         Min. operating temperature (static)       -50 °C         Max. operating temperature (static)       -50 °C         Max. operating temperature (static)       -50 °C         Gasoline resistance       UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090         Cheraid resistance       Good, application-related testing         Oil resistance       Good, application-related testing	Amount strands wire (Data)	19
Material conductor wire (Data)         Stranded copper wire, bare           Norminal voltage AC max.         60 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         5.9 A           Current load capacity min. Wire (Data)         2 A           Characteristic impedance         100 Ω ± 15 % @ 1 MHz           Electrical resistance ine constant wire         35 Ω/km           Electrical resistance coaling wire (Data)         140 Ω/km           AC withstand voltage (wire - wire)         1 kV @ 60 s           Electrical capacity line constant (wire - wire)         52000 pF/km           Power frequency withstand voltage (wire - jacket)         1 kV @ 60 s           AC withstand voltage (wire - shield)         1 kV @ 60 s           Isolation resistance         5000 MΩ           Max. operating temperature (static)         -50 °C           Max. operating temperature (static)         -40 °C           Operating temperature (max)         80 °C / 90 °C @ 10000 h Operation           Operating temperature (static)         -40 °C           Operating temperature (static)         -60 °C           Operating temperature (static)         -60 °C           Gasoline resistance         UL 1581 § 1100 FT2   IEC 60332-22   UL 1581 § 1090           Chemical resistan	Diameter of single wires (Data)	26 AWG
Nominal voltage AC max.60 VCurrent load capacity (standard)to DIN VDE 0298.4Current load capacity min. wire5,9 ACurrent load capacity min. Wire (Data)2 ACharacteristic impedance100 $\Omega \pm 15$ % @ 1 MHzElectrical resistance ine constant wire35 $\Omega$ kmElectrical resistance lone constant wire35 $\Omega$ kmElectrical capacity min. wire (Data)140 $\Omega$ kmAC winstand voltage (wire - wire)1 kV @ 60 sElectrical capacity line constant (wire - wire)52000 pF/kmPower frequency withstand voltage (wire - jacket)1 kV @ 60 sIsolation resistance5000 MQMin. operating temperature (static)-50 °CMax. operating temperature (static)-50 °CMax. operating temperature (static)-60 °C / 90 °C @ 10000 h OperationOperating temperature (max. (dynamic)40 °C / 90 °C @ 10000 h OperationOperating temperature (max. (dynamic)80 °C / 90 °C @ 10000 h OperationOperating temperature (max. (dynamic)-40 °COperating temperature (max. (dynamic)80 °C / 90 °C @ 10000 h OperationOf the costanceGood. application-related testingGasoline resistanceGood. application-related testingOil resistanceGood. application-related testing <td>Conductor crosssection wire (Data)</td> <td>26 AWG</td>	Conductor crosssection wire (Data)	26 AWG
Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. Wire (Data)         2 A           Current load capacity min. Wire (Data)         2 A           Characteristic impedance         100 Ω ± 15 % @ 1 MHz           Electrical resistance line constant wire         35 Ω/km           Electrical resistance coating wire (Data)         140 Ω/km           AC withstand voltage (wire - wire)         1 kV @ 60 s           Electrical capacity line constant (wire - wire)         52000 pF/km           Power frequency withstand voltage (wire - link V @ 60 s         1 kV @ 60 s           Isolation resistance         5000 MΩ           Min. operating temperature (static)         -50 °C           Max. operating temperature (static)         -50 °C           Max. operating temperature (static)         -60 °C (20 °C @ 10000 h Operation           Operating temperature (static)         -60 °C / 90 °C @ 10000 h Operation           Flame resistance         UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090           Chemical resistance         Good, application-related testing           Oli resistance         Good	Material conductor wire (Data)	Stranded copper wire, bare
Current load capacity min. wire         5.9 Å           Current load capacity min. Wire (Data)         2 Å           Characteristic impedance         100 Ω ± 15 % @ 1 MHz           Electrical resistance inc constant wire         35 Ω/km           Electrical resistance inc constant wire         35 Ω/km           Electrical capacity line constant (wire - wire)         1 kV @ 60 s           Electrical capacity line constant (wire - wire)         52000 pF/km           Power frequency withstand voltage (wire - wire)         1 kV @ 60 s           AC withstand voltage (wire - shield)         1 kV @ 60 s           Isolation resistance         5000 MD           Max. operating temperature (static)         -50 °C           Max. operating temperature (static)         -50 °C           Gasoline resistance         UL 1581 § 1100 FT2   EC 60332-22   UL 1581 § 1090           Operating temperature max. (dynamic)         80 °C / 90 °C @ 10000 h Operation           Gasoline resistance	Nominal voltage AC max.	60 V
Current load capacity min. Wire (Data)2 ACharacteristic impedance100 $\Omega \pm 15 \% @ 1$ MHzElectrical resistance line constant wire35 $\Omega$ /kmElectrical resistance coating wire (Data)140 $\Omega$ /kmAC withstand voltage (wire - wire)1 kV @ 60 sElectrical capacity line constant (wire - wire)52000 pF/kmPower frequency withstand voltage (wire - shield)1 kV @ 60 sIsolation resistance5000 M $\Omega$ Min. operating temperature (static)-50 °CMax. operating temperature (static)-50 °CMax. operating temperature (static)40 °COperating temperature min. (dynamic)40 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationOperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationChemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingDi	Current load capacity (standard)	to DIN VDE 0298-4
Characteristic impedance         100 $\Omega \pm 15 \% @ 1$ MHz           Electrical resistance line constant wire         35 $\Omega$ /km           Electrical resistance coating wire (Data)         140 $\Omega$ /km           AC withstand voltage (wire - wire)         1 kV @ 60 s           Electrical capacity line constant (wire vire)         52000 pF/km           Power frequency withstand voltage (wire - isold)         1 kV @ 60 s           AC withstand voltage (wire - shield)         1 kV @ 60 s           Isolation resistance         5000 MQ           Min. operating temperature (static)         -50 °C           Max. operating temperature (fixed)         80 °C / 90 °C @ 10000 h Operation           Operating temperature min. (dynamic)         -40 °C           Operating temperature min. (dynamic)         -40 °C           Operating temperature min. (dynamic)         80 °C / 90 °C @ 10000 h Operation           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	Current load capacity min. wire	5,9 A
Electrical resistance line constant wire       35 Ω/km         Electrical resistance coating wire (Data)       140 Ω/km         AC withstand voltage (wire - wire)       1 kV @ 60 s         Electrical capacity line constant (wire - wire)       52000 pF/km         Power frequency withstand voltage (wire - jacket)       1 kV @ 60 s         AC withstand voltage (wire - shield)       1 kV @ 60 s         Isolation resistance       5000 MQ         Min. operating temperature (static)       -50 °C         Max. operating temperature (fixed)       80 °C / 90 °C @ 10000 h Operation         Operating temperature (fixed)       80 °C / 90 °C @ 10000 h Operation         Operating temperature min. (dynamic)       -40 °C         Operating temperature min. (dynamic)       80 °C / 90 °C @ 10000 h Operation         Operating temperature min. (dynamic)       80 °C / 90 °C @ 10000 h Operation         Operating temperature min. (dynamic)       60 od.         Gasoline resistance       UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090         chemical resistance       Good, application-related testing         Gil resistance       Good, application-related testing         Oliar esistance       Good, application-related testing         Oliar esistance       Good, application-related testing         Oliar esistance       Good, application-relate	Current load capacity min. Wire (Data)	2 A
Electrical resistance coating wire (Data)       140 Ω/km         AC withstand voltage (wire - wire)       1 kV @ 60 s         Electrical capacity line constant (wire - wire)       52000 pF/km         Power frequency withstand voltage (wire - jacket)       1 kV @ 60 s         AC withstand voltage (wire - shield)       1 kV @ 60 s         Isolation resistance       5000 MΩ         Min. operating temperature (static)       -50 °C         Max. operating temperature (fixed)       80 °C / 90 °C @ 10000 h Operation         Operating temperature min. (dynamic)       -40 °C         Operating temperature max. (dynamic)       80 °C / 90 °C @ 10000 h Operation         Flame resistance       UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090         chemical resistance       Good, application-related testing         Oil resistance       Good, application-related testing	Characteristic impedance	100 Ω ± 15 % @ 1 MHz
AC withstand voltage (wire - wire)       1 kV @ 60 s         Electrical capacity line constant (wire - wire)       52000 pF/km         Power frequency withstand voltage (wire - jacket)       1 kV @ 60 s         AC withstand voltage (wire - shield)       1 kV @ 60 s         AC withstand voltage (wire - shield)       1 kV @ 60 s         AC withstand voltage (wire - shield)       1 kV @ 60 s         Isolation resistance       5000 MΩ         Min. operating temperature (static)       -50 °C         Max. operating temperature (fixed)       80 °C / 90 °C @ 10000 h Operation         Operating temperature max. (dynamic)       -40 °C         Operating temperature max. (dynamic)       80 °C / 90 °C @ 10000 h Operation         Flame resistance       UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090         chemical resistance       Good, application-related testing         Oil resistance       Good, application-related testing         Bending radius (fixed)       5 x Outer diameter         Bending radius (fixed)       5 x Outer diameter         Bending cy	Electrical resistance line constant wire	35 Ω/km
Electrical capacity line constant (wire - wire)       52000 pF/km         Power frequency withstand voltage (wire - jacket)       1 kV @ 60 s         AC withstand voltage (wire - shield)       1 kV @ 60 s         Isolation resistance       5000 MQ         Min. operating temperature (static)       -50 °C         Max. operating temperature (income and the state)       40 °C         Operating temperature min. (dynamic)       40 °C         Operating temperature max. (dynamic)       80 °C / 90 °C @ 10000 h Operation         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         Bending radius (installation)       x Outer diameter         Bending radius (dynamic)       10 x Outer diameter         Bending radius (dynamic)       5 Mio.         Traversing distance (C-track)       5 m         Traversing distance (C-track)       5 m         Traversing distance (C-track)       5 m	Electrical resistance coating wire (Data)	140 Ω/km
Power frequency withstand voltage (wire - jacket)       1 kV @ 60 s         AC withstand voltage (wire - shield)       1 kV @ 60 s         Isolation resistance       5000 MΩ         Min. operating temperature (static)       -50 °C         Max. operating temperature (fixed)       80 °C / 90 °C @ 10000 h Operation         Operating temperature min. (dynamic)       -40 °C         Operating temperature max. (dynamic)       80 °C / 90 °C @ 10000 h Operation         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         Bending radius (fixed)       5 × Outer diameter         Bending	AC withstand voltage (wire - wire)	1 kV @ 60 s
jacket)       1 KV @ 60 s         AC withstand voltage (wire - shield)       1 kV @ 60 s         Isolation resistance       5000 MΩ         Min. operating temperature (static)       -50 °C         Max. operating temperature (fixed)       80 °C / 90 °C @ 10000 h Operation         Operating temperature max. (dynamic)       -40 °C         Operating temperature max. (dynamic)       80 °C / 90 °C @ 10000 h Operation         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   DIN EN 60811-404         Bending radius (installation)       x Outer diameter         Bending radius (fixed)       5 x Outer diameter         Bending radius (dynamic)       10 x Outer diameter         No. of bending cycles (C-track)       5 Mio.         Traversing distance (C-track)       5 m         Traversing distance (C-track)       5 m         No. of torsion cycles       2 Mio.         Torsion stress       ± 30 °/m	Electrical capacity line constant (wire - wire)	52000 pF/km
Isolation resistance       5000 MΩ         Min. operating temperature (static)       -50 °C         Max. operating temperature (fixed)       80 °C / 90 °C @ 10000 h Operation         Operating temperature min. (dynamic)       -40 °C         Operating temperature max. (dynamic)       80 °C / 90 °C @ 10000 h Operation         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       Good, application-related testing         Bending radius (installation)       x Outer diameter         Bending radius (fixed)       5 x Outer diameter         Bending radius (dynamic)       10 x Outer diameter         No. of bending cycles (C-track)       5 m         Traversing distance (C-track)       5 m         Travel speed (C-track)       3,3 m/s         No. of torsion cycles       2 Mio.         Torsion stress       ± 30 °/m		1 kV @ 60 s
Min. operating temperature (static)-50 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-40 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (installation)x Outer diameterBending radius (fixed)5 x Outer diameterBending cycles (C-track)5 mTraversing distance (C-track)5 mTravel speed (C-track)3.3 m/sNo. of torsion cycles2 Mio.Torsion stress± 30 °/m	AC withstand voltage (wire - shield)	1 kV @ 60 s
Max. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-40 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (installation)x Outer diameterBending radius (fixed)5 x Outer diameterBending cycles (C-track)5 Mio.Traversing distance (C-track)5 mTravel speed (C-track)3,3 m/sNo. of torsion cycles2 Mio.Torsion stress± 30 °/m	Isolation resistance	5000 ΜΩ
Operating temperature min. (dynamic)-40 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingDil resistanceGood, application-related testingDin resistanceGood, application-related testingDi resistanceS × Outer diameterBending radius (fixed)5 × Outer diameterBending radius (dynamic)10 × Outer diameterNo. of bending cycles (C-track)5 mTravel speed (C-track)3,3 m/sNo. of torsion cycles2 Mio.Torsion stress± 30 °/m	Min. operating temperature (static)	-50 °C
Operating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceUL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (installation)x Outer diameterBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of bending cycles (C-track)5 Mio.Travel speed (C-track)5 mTravel speed (C-track)3,3 m/sNo. of torsion cycles2 Mio.Torsion stress± 30 °/m	Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Flame resistanceUL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (installation)x Outer diameterBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of bending cycles (C-track)5 mTraversing distance (C-track)5 mTravel speed (C-track)3,3 m/sNo. of torsion cycles2 Mio.Torsion stress± 30 °/m	Operating temperature min. (dynamic)	-40 °C
chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (installation)x Outer diameterBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of bending cycles (C-track)5 mTravel speed (C-track)5 mNo. of torsion cycles2 Mio.Torsion stress± 30 °/m	Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Gasoline resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (installation)x Outer diameterBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of bending cycles (C-track)5 Mio.Traversing distance (C-track)5 mTravel speed (C-track)3,3 m/sNo. of torsion cycles2 Mio.Torsion stress± 30 °/m	Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
Oil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (installation)x Outer diameterBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of bending cycles (C-track)5 Mio.Traversing distance (C-track)5 mTravel speed (C-track)3,3 m/sNo. of torsion cycles2 Mio.Torsion stress± 30 °/m	chemical resistance	Good, application-related testing
Bending radius (installation)x Outer diameterBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterBending cycles (C-track)5 Mio.Traversing distance (C-track)5 mTravel speed (C-track)3,3 m/sNo. of torsion cycles2 Mio.Torsion stress± 30 °/m	Gasoline resistance	Good, application-related testing
Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of bending cycles (C-track)5 Mio.Traversing distance (C-track)5 mTravel speed (C-track)3,3 m/sNo. of torsion cycles2 Mio.Torsion stress± 30 °/m	Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (dynamic)10 x Outer diameterNo. of bending cycles (C-track)5 Mio.Traversing distance (C-track)5 mTravel speed (C-track)3,3 m/sNo. of torsion cycles2 Mio.Torsion stress± 30 °/m	Bending radius (installation)	x Outer diameter
No. of bending cycles (C-track)5 Mio.Traversing distance (C-track)5 mTravel speed (C-track)3,3 m/sNo. of torsion cycles2 Mio.Torsion stress± 30 °/m	Bending radius (fixed)	5 x Outer diameter
Traversing distance (C-track)5 mTravel speed (C-track)3,3 m/sNo. of torsion cycles2 Mio.Torsion stress± 30 °/m	Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)3,3 m/sNo. of torsion cycles2 Mio.Torsion stress± 30 °/m	No. of bending cycles (C-track)	5 Mio.
No. of torsion cycles2 Mio.Torsion stress± 30 °/m	Traversing distance (C-track)	5 m
Torsion stress ± 30 °/m	Travel speed (C-track)	3,3 m/s
	No. of torsion cycles	2 Mio.
Torsion speed 35 cycles/min	Torsion stress	± 30 °/m
	Torsion speed	35 cycles/min

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