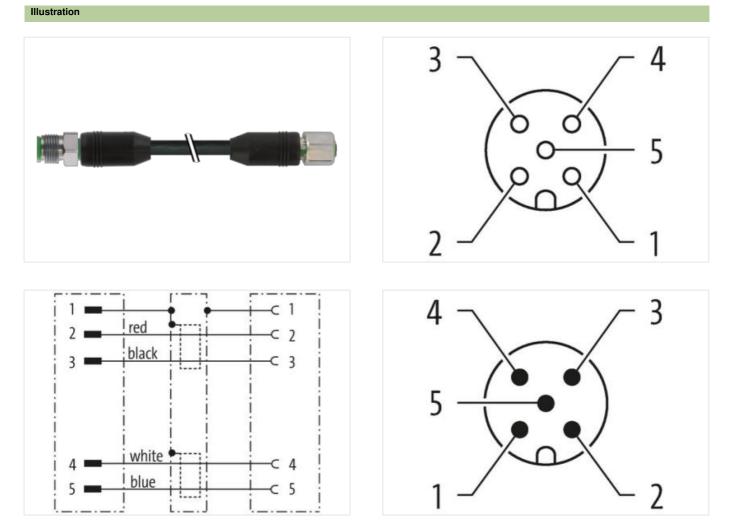


## M12 male 0° / M12 female 0° A-cod. V4A

PUR AWG24+22 shielded bk UL/CSA+drag ch. 0.3m

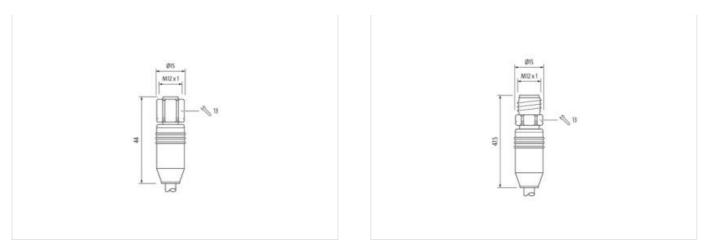
M12 – M12, 5-pole Male straight – female straight A-coded Stainless steel 1.4404 (V4A) Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application.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

## Link to Product



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: 2024-04-27





Product may differ from Image



Cable length	0,3 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
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
No. of poles	5
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879485449
Packaging unit	1

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## Electrical data | Supply

Electrical data   Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Device protection   Electrical	
•	
Additional condition protection degree	inserted, screwed 3
Pollution Degree	
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	
Mechanical data	
Contour for corrugated hose	without
Mechanical data   Material data	
Material gasket	FKM
Material housing	PUR
Locking material	Stainless steel 1.4404 (V4A)
Mechanical data   Mounting data	
	incented exercised Obelian methodian
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	
Cable identification	838
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	2 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	2 Stranded joints twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	65 %
Banding	Foil
Drain wire (cross-section)	22 AWG
wire arrangement	(white, blue), (black, red)
No. of bending cycles (C-track)	1 Mio.
Cable weigth	63,12 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	6,9 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PE
Amount wires	2
Outer diameter insulation	2,1 mm
Outer diameter tolerance core insulation	±5%

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Amount strands (wire)         19           Dimmeter of single wires         24 AWG           Conductor crossescilon (wire)         24 AWG           Data wire (cross-section)         22 AWG           Material conductor wire         copper stranded wire, tnred           Electrical function wire         Data           Material wire insulation (Data)         PE           Outer diameter wire insulation (Data)         15 mm           Tolerance outer diameter wire insulation (Data)         15 mm           Tolerance outer diameter wire insulation (Data)         19           Diameter outer insulation (Data)         19           Diameter outer insulation (Data)         19           Diameter of single wires (Data)         22 AWG           Conductor crossection wire (Data)         19           Diameter of single wires (Data)         22 AWG           Conscient crossection wire (Data)         22 AWG           Material conductor wire (Data)         Copper stranded wire, tinned           Electrical function wire (Data)         Comper stranded wire, tinned           Current load capacity (standard)         to DIN VDE 0288-4           Current load capacity min. Wire (Data)         6 A           Electrical function wire (data)         Power           Torestaid Capacity min. Wire (Data)<	Shore hardness wire insulation	64 ± 5 Shore D
Damater of single wires         24 AWG           Conductor crossection (wire)         24 AWG           Data wire (cross section)         22 AWG           Material conductor wire         copper stranded wire, tinned           Electrical function wire         Data           Material wire insulation (Data)         PE           Outer diameter wire insulation (Data)         1.5 mm           Tolerance outer diameter wire insulation (Data)         1.5 mm           Tolerance outer diameter wire insulation (Data)         1.9           Diameter of single wires (Data)         2           Amount wires (Data)         2           Conductor crossection wire (Data)         2.2 AWG           Conductor wire (Data)         Copper stranded wire, tinned           Electrical function wire (Data)         Copper stranded wire, tinned           Electrical function wire (Data)         Copper stranded wire, tinned           Electrical function wire (Data)         Dover           Current Load capacity min. Wire (Data)         6 A           Electrical function wire (Data)         Power <td>Ingredient freeness wire insulation</td> <td>lead-free, CFC-free, halogen-free</td>	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Conductor cressection (wire)         24 AWG           Drain wire (cross-section)         22 AWG           Material conductor wire         Opper standed wire, tinned           Electrical function wire         Data           Cord drameter wire insulation (Data)         1,5 mm           Tolerance outer diameter wire insulation (Data)         1,5 mm           Tolerance outer diameter wire insulation (Data)         1,5 mm           Tolerance outer diameter wire insulation (Data)         2 53 %           Impredient freemess wire insulation (Data)         2 4 MG           Conductor cressection wire (Data)         2 AWG           Conductor cressection wire (Data)         0 Power           Turewire distance (C-track)         5 m           Current Load capacity min. wire         4 5 A           Current Load capacity min. wire (Data)         Power           Clarent Load capacity min. wire (Data)         Power           Clarent Load capacity min. wire (Data)         10 N % Power           Clarent Load capacity min. wire (Data)         10 N % Power           Clarent Load capacity min. wire (Data)         54 Chm	Amount strands (wire)	19
Drain wire (cross-section)         22 AWG           Material conductor wire         copper stranded wire, finned           Exerical function wire         Data           Material conductor wire         copper stranded wire, finned           Cutre dimeter wire insulation (Data)         PE           Other dimeter wire insulation (Data)         lead-free, CFC-free, halogen-free           Annount strands wire (Data)         2           Annount strands wire (Data)         2           Dimeter of single wires (Data)         22 AWG           Conductor respection wire (Data)         22 AWG           Conductor respection wire (Data)         22 AWG           Conductor versessection wire (Data)         22 AWG           Conductor versessection wire (Data)         22 AWG           Conductor versessection wire (Data)         copper stranded wire, finned           Electrical function wire (Cata)         Power           Traversing distance (C-track)         5 m           Current load capacity min. Wire (Data)         6 A           Electrical function wire (Data)         Power           Current load capacity min. Wire (Data)         6 A           Electrical function wire (Data)         Power           Electrical function wire (Data)         Power           Electrical function wire (Data	Diameter of single wires	24 AWG
Material conductor wire         copper stranded wire, inned           Electrical function wire         Data           Material wire insulation (Data)         PE           Outer diameter wire insulation (Data)         1.5 mm           Tolerance outer diameter wire insulation (Data)         1.5 mm           Ingredient froeness wire insulation (Data)         1.6 dres, PC-/ree, halogen-free           Amount strands wire (Data)         2           Amount strands wire (Data)         22 AWG           Conductor crosssection wire (Data)         22 AWG           Conductor wire scala         22 AWG           Conductor wire (Data)         22 AWG           Conductor wire (Data)         Power           Taversing distance (C-track)         5 m           Current load capacity min. wire         4.5 A           Current load capacity min. wire         4.5 A           Current load capacity min. wire (Data)         Power           Electrical function wire         Data           Electrical function wire (Data)         Power           Characteristic impedance         120 D ± 10 % @ 1 MHz           Electrical crasitation cocatient wire (Pata)         6 A           Electrical crasitatione cocatient wire - strated data         300 V           Electrical crasitatione cocatient wire - strated da	Conductor crosssection (wire)	24 AWG
Electrical function wire         Data           Atterial wire insulation (Data)         PE           Outer diametre wire insulation (data)         ± 53 %.           Ingredient freeness wire insulation (Data)         lead-free, CFC-free, halogen-free           Amount wires (Data)         2           Amount strands wire (Data)         19           Diameter of single wires (Data)         2           Amount strands wire (Data)         22           Conductor crosssection wire (Data)         22 AWG           Conductor wire (Data)         coppor stranded wire, linned           Electrical function wire (Data)         coppor stranded wire, linned           Electrical function wire (Data)         coppor stranded wire, linned           Current load capacity (standard)         to DIN VDE 0296-4           Current load capacity (standard) <td>Drain wire (cross-section)</td> <td>22 AWG</td>	Drain wire (cross-section)	22 AWG
Material wire insulation (Data)         PE           Outer diameter wire insulation (Data)         1.5 mm           Tolerance uire dirameter wire insulation (Data)         lead-free, CPC-free, halogen-free           Amount wires (Data)         2           Amount wires (Data)         2           Dameter of single wires (Data)         2           Conductor crosssection wire (Data)         22 AWG           Conductor crosssection wire (Data)         22 AWG           Conductor crosssection wire (Data)         20 Power           Traversing distance (C-track)         5 m           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4.5 A           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. Wire (Data)         6 A           Electrical resistance coating wire (Oata)         5 More	Material conductor wire	copper stranded wire, tinned
Outer diameter wire insulation (Data)         1,5 mm           Tolerance outer diameter wire insulation (Data)         153 %           Ingredient freeness wire insulation (Data)         163 %           Amount wires (Data)         2           Amount wires (Data)         19           Diameter of single wires (Data)         22 AWG           Conductor crossection wire (Data)         22 AWG           Conductor vires (Data)         22 AWG           Taversing distance (Ostrack)         5 m           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. Wire         4,5 A           Current load capacity min. Wire         5 A           Electrical function wire (data)         Power           Characteristic inspendance         120 ± 10 % @ 1 MHz           Electrical resistance constant wire         78 Ω/km           Constant wire prever AC max.         300 V           Electricapacitance (power)         40000 pF/km <td>Electrical function wire</td> <td>Data</td>	Electrical function wire	Data
Tolerance outer diameter wire insulation (data)         ± 53 %           Ingredient freeness wire insulation (Data)         lead-free, CFC-free, halogen-free           Amount strands wire (Data)         2           Amount strands wire (Data)         19           Diameter of single wires (Data)         22 AWG           Conductor crossection wire (Data)         22 AWG           Material conductor wire (Data)         22 AWG           Cardet or crossection wire (Data)         Copper stranded wire, tinned           Electrical function wire (data)         Power           Traversing distance (C-track)         5 m           Current load capacity (strandard)         to DI VDE 0298-4           Current load capacity min. wire         4,5 A           Current load capacity min. Wire (Data)         6 A           Electrical function wire (data)         Power           Characteristic impedance         120 Ω ± 10 % @ 1 MHz           Electrical resistance line constant wire         78 Q/km           Electrical sistance line constant wire         78 Q/km           Electrical sistance ine constant wire         78 Q/km           Comparing temperature (Moda)         2 N/V @ 60 s           AC withstand voltage power (wire - shield)         2 N/V @ 60 s           AC withstand voltage power (wire - shield)         30	Material wire insulation (Data)	PE
Ingredient freeness wire insulation (Data)         lead-free, CFC-free, halogen-free           Amount strands wire (Data)         2           Amount strands wire (Data)         19           Diameter of single wires (Data)         22 AWG           Conductor crossection wire (Data)         22 AWG           Edericial function wire (Data)         copper stranded wire, tinned           Electrical function wire (Data)         Power           Traversing distance (C-track)         5 m           Current load capacity (strandri)         to DIN VDE 0298-4           Current load capacity min. Wire (Data)         6 A           Electrical function wire         Data           Electrical function wire         Data           Electrical function wire (Data)         Power           Characteristic impedance         120 Ω ± 10 % @ 1 MHz           Electrical resistance line constant wire         78 0/km           Electrical resistance line constant wire         78 0/km           Constant over (Wata)         9 wer           Characteristic impedance         120 Ω ± 10 % @ 1 MHz           Electrical resistance line constant wire         78 0/km           Activatad voltage power (Wire - wire)         2 K W @ 60 s           AC withstad voltage power (wire - wire)         2 K W @ 60 s <td< td=""><td>Outer diameter wire insulation (Data)</td><td>1,5 mm</td></td<>	Outer diameter wire insulation (Data)	1,5 mm
Amount wires (Data)       2         Amount strands wire (Data)       19         Diameter of single wires (Data)       22 AWG         Conductor crossection wire (Data)       22 AWG         Material conductor wire (Data)       copper stranded wire, tinned         Electrical function wire (data)       Power         Traversing distance (C-track)       5 m         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       4.5 A         Current load capacity min. Wire (Data)       6 A         Electrical function wire (data)       Power         Electrical function wire (data)       Power         Chrance coating wire (data)       Power         Chracteristic impedance       120 Ω ± 10 % @ 1 MHz         Electrical resistance coating wire (Data)       54 Ω/km         Electrical resistance for constant wire       78 Ω/km         Electrical resistance (power)       40000 pF/km         AC withstand voltage power (wire - shield)       2 kV @ 60 s         Max. operating temperature (statc)       -40 °C         Max. operating temperature (fixed)       80 °C         Operating temperature (fixed)       80 °C         Operating temperature (fixed)       80 °C         Operating temperature (fixed)	Tolerance outer diameter wire insulation (data)	± 53 %
Amount strands wire (Data)       19         Diameter of single wires (Data)       22 AWG         Conductor crosssection wire (Data)       22 AWG         Material conductor wire (Data)       copper stranded wire, tinned         Electrical function wire (Data)       Power         Traversing distance (C-track)       5 m         Current load capacity (standard)       to DIN VDE 0288-4         Current load capacity min. Wire (Data)       6 A         Electrical function wire       Data         Electrical function wire (Data)       Power         Current load capacity min. Wire (Data)       6 A         Electrical function wire       Data         Electrical function wire (Data)       Power         Characteristic inpedance       120 Ω ± 10 % @ 1 MHz         Electrical resistance constant wire       78 Ω/km         Nominal voltage power (Vire - shield)       2 kV @ 60 s         AC withstand voltage power (wire - shield)       2 kV @ 60 s         Max. operating temperature (statoc)       -40 °C         Max. operating temperature max. (dynamic)       -30 °C         Operating temperature max. (dynamic)       -30 °C         Operating temperature max. (dynamic)       -70 °C         UV resistance       Good, application-related testing         <	Ingredient freeness wire insulation (Data)	lead-free, CFC-free, halogen-free
Diameter of single wires (Data)     22 AWG       Conductor crosssection wire (Data)     copper stranded wire, tinned       Electrical function wire (data)     Power       Traversing distance (C-track)     5 m       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity min. wire     4,5 A       Current load capacity (standard)     Power       Characteristic impedance     120 Q ± 10 % @ 1 MHz       Electrical function wire (data)     Power       Characteristic impedance     120 Q ± 10 % @ 1 MHz       Electrical resistance ine constant wire     78 Q/km       Nominal voltage power AC max.     300 V       Clerical resistance constant wire     74 Q/km       AC withstand voltage power (wire - wire)     2 kV @ 60 s       Min. operating temperature (static)     40 °C       Max. operating temperature (static)     40 °C       Querating temperature (static)     70 °C       Operating temperature (static)     70 °C       Querating temperature max. (dynamic)     70 °C       Operating temperature max. (dynamic)     70 °C       Operating temperature max. (dynamic)     70 °C       Operating temperature max. (dynamic)     70 °C       Querating temperature max. (dynamic)     70 °C       Operating	Amount wires (Data)	2
Conductor crosssection wire (Data)         22 AWG           Material conductor wire (Data)         copper stranded wire, tinned           Electrical function wire (data)         Power           Traversing distance (C-track)         5 m           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4.5 A           Current load capacity min. wire         5 A           Current load capacity min. wire         0 A           Electrical function wire         Data           Electrical function wire (data)         Power           Characteristic impedance         120 Q ± 10 % @ 1 MHz           Electrical resistance inc constant wire         78 Q/km           Electrical resistance coating wire (Data)         54 Q/km           Nominal voltage power (Vire - wire)         2 kV @ 60 s           AC withstand voltage power (wire - wire)         2 kV @ 60 s           Min. operating temperature (static)         -40 °C           Max. operating temperature (static)         -40 °C           Querating temperature (static)         -40 °C           Max. operating temperature (static)         -40 °C           Querating temperature (static)         -40 °C           Max. operating temperature (static)         -30 °C           Operating tem	Amount strands wire (Data)	19
Material conductor wire (Data)         copper stranded wire, tinned           Electrical function wire (data)         Power           Traversing distance (C-track)         5 m           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4.5 A           Current load capacity min. Wire (Data)         6 A           Electrical function wire (data)         Power           Characteristic impedance         120 Ω ± 10 % @ 1 MHz           Electrical function wire (data)         Power           Characteristic impedance         120 Ω ± 10 % @ 1 MHz           Electrical contion wire (Data)         54 Ω/km           Minial voltage power AC max.         300 V           Electrical ceistance ince constant wire         78 Ω/km           Electrica quecistance (power)         40000 pF/km           AC withstand voltage power (wire - shield)         2 kV @ 60 s           AC withstand voltage power (wire - wire)         2 kV @ 60 s           Min. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         -30 °C           Operating temperature min. (dynamic)         70 °C           UV resistance         IDI N EN ISO 4892-2 A           Fiame resistance         Good, application-related testing	Diameter of single wires (Data)	22 AWG
Electrical function wire (data)         Power           Traversing distance (C-track)         5 m           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4,5 A           Current load capacity min. Wire (Data)         6 A           Electrical function wire (data)         Power           Characteristic impedance         120 Ω ± 10 % @ 1 MHz           Electrical function wire (data)         Power           Characteristic impedance         120 Ω ± 10 % @ 1 MHz           Electrical resistance line constant wire         78 Ω/km           Electrical resistance ine constant wire         78 Ω/km           Electrical resistance line constant wire         78 Ω/km           Constant voltage power AC max.         300 V           Electrical resistance (wire - shield)         2 kV @ 60 s           AC withstand voltage power (wire - shield)         2 kV @ 60 s           Min. operating temperature (static)         40 °C           Max. operating temperature (static)         40 °C           Operating temperature (fixed)         80 °C           Operating temperature (fixed)         30 °C           Operating temperature (fixed)         60 °C           Operating temperature (fixed)         60 °C           Operating temperature	Conductor crosssection wire (Data)	22 AWG
Electrical function wire (data)         Power           Traversing distance (C-track)         5 m           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4,5 A           Current load capacity min. Wire (Data)         6 A           Electrical function wire (data)         Power           Characteristic impedance         120 Ω ± 10 % @ 1 MHz           Electrical function wire (data)         Power           Characteristic impedance         120 Ω ± 10 % @ 1 MHz           Electrical resistance line constant wire         78 Ω/km           Electrical resistance ine constant wire         78 Ω/km           Electrical resistance line constant wire         78 Ω/km           Constant voltage power AC max.         300 V           Electrical resistance (wire - shield)         2 kV @ 60 s           AC withstand voltage power (wire - shield)         2 kV @ 60 s           Min. operating temperature (static)         40 °C           Max. operating temperature (static)         40 °C           Operating temperature (fixed)         80 °C           Operating temperature (fixed)         30 °C           Operating temperature (fixed)         60 °C           Operating temperature (fixed)         60 °C           Operating temperature	Material conductor wire (Data)	copper stranded wire, tinned
Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4,5 A           Current load capacity min. Wire (Data)         6 A           Electrical function wire         Data           Electrical function wire (data)         Power           Characteristic impedance         120 Ω ± 10 % @ 1 MHz           Electrical resistance line constant wire         78 Ω/km           Electrical resistance coating wire (Data)         54 Ω/km           Electrical resistance (power)         40000 pF/km           Nominal voltage power AC max.         300 V           Electrical resistance (power)         40000 pF/km           AC withstand voltage power (wire - wire)         2 kV @ 60 s           AC withstand voltage power (wire - wire)         2 kV @ 60 s           Min. operating temperature (static)         40 °C           Max. operating temperature (incid)         80 °C           Operating temperature (incid)         80 °C           Operating temperature max. (dynamic)         70 °C           UV resistance         DIN EN ISO 4892-2 A           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 </td <td></td> <td>••</td>		••
Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4,5 A           Current load capacity min. Wire (Data)         6 A           Electrical function wire         Data           Electrical function wire (data)         Power           Characteristic impedance         120 Ω ± 10 % @ 1 MHz           Electrical resistance line constant wire         78 Ω/km           Electrical resistance coating wire (Data)         54 Ω/km           Electrical resistance (power)         40000 pF/km           Nominal voltage power AC max.         300 V           Electrical resistance (power)         40000 pF/km           AC withstand voltage power (wire - wire)         2 kV @ 60 s           AC withstand voltage power (wire - wire)         2 kV @ 60 s           Min. operating temperature (static)         40 °C           Max. operating temperature (incid)         80 °C           Operating temperature (incid)         80 °C           Operating temperature max. (dynamic)         70 °C           UV resistance         DIN EN ISO 4892-2 A           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 </td <td>Traversing distance (C-track)</td> <td>5 m</td>	Traversing distance (C-track)	5 m
Current load capacity min. Wire         4,5 A           Current load capacity min. Wire (Data)         6 A           Electrical function wire         Data           Electrical function wire (data)         Power           Characteristic impedance         120 Ω ± 10 % @ 1 MHz           Electrical resistance line constant wire         78 Ω/km           Electrical resistance coating wire (Data)         54 Ω/km           Electrical resistance coating wire (Data)         54 Ω/km           Electrical resistance (power)         40000 pF/km           AC withstand voltage power AC max.         300 V           Electric capacitance (power)         40000 pF/km           AC withstand voltage power (wire - shield)         2 kV @ 60 s           AC withstand voltage power (wire - wire)         2 kV @ 60 s           Max. operating temperature (static)         -40 °C           Max. operating temperature (static)         -40 °C           Verasitance         DIN EN ISO 4892-2 A           Flame resistance         IEC 6032-2-2 I UL 1581 § 1090   UL 1581 § 1100 FT2           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Oil resistance         Good,		to DIN VDE 0298-4
Current load capacity min. Wire (Data)         6 A           Electrical function wire         Data           Electrical function wire (data)         Power           Characteristic impedance         120 Ω ± 10 % @ 1 MHz           Electrical resistance line constant wire         78 Δ/km           Electrical resistance contig wire (Data)         54 Ω/km           Electrical resistance contig wire (Data)         54 Ω/km           Nominal voltage power AC max.         300 V           Electric capacitance (power)         40000 pF/km           AC withstand voltage power (wire - shield)         2 kV @ 60 s           Min. operating temperature (statc)         -40 °C           Max. operating temperature (fixed)         80 °C           Operating temperature (fixed)         80 °C           Operating temperature max. (dynamic)         70 °C           UV resistance         DIN EN ISO 4892·2 A           Flame resistance         IEC 60332·2·2   UL 1581 § 1090   UL 1581 § 1100 FT2           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Oli resistance         Good, application-related testing           Oli resistance         Good, application-related testing           Oli resistance         Good, application-relat		4.5 A
Electrical function wire         Data           Electrical function wire (data)         Power           Characteristic impedance         120 Ω ± 10 % @ 1 MHz           Electrical resistance ine constant wire         78 Ω/km           Electrical resistance coating wire (Data)         54 Ω/km           Nominal voltage power AC max.         300 V           Electrical resistance coating wire (Data)         54 Ω/km           Ac withstand voltage power AC max.         300 V           Electric capacitance (power)         40000 pF/km           AC withstand voltage power (wire - shield)         2 kV @ 60 s           AC withstand voltage power (wire - wire)         2 kV @ 60 s           Min. operating temperature (static)         -40 °C           Max. operating temperature (static)         -40 °C           Varing temperature (fixed)         80 °C           Operating temperature (fixed)         80 °C           Operating temperature (fixed)         30 °C           Operating temperature (fixed)         70 °C           UV resistance         DIN EN ISO 4892-2 A           Flame resistance         IEC 60332-2-2 I UL 1581 § 1090   UL 1581 § 1100 FT2           chemical resistance         Good, application-related testing           Oil resistance         Good, application-related testing		
Characteristic impedance       120 Ω ± 10 % @ 1 MHz         Electrical resistance line constant wire       78 Ω/km         Electrical resistance coating wire (Data)       54 Ω/km         Nominal voltage power AC max.       300 V         Electric capacitance (power)       40000 pF/km         AC withstand voltage power (wire - shield)       2 kV @ 60 s         AC withstand voltage power (wire - wire)       2 kV @ 60 s         Min. operating temperature (static)       -40 °C         Max. operating temperature (static)       -40 °C         Operating temperature (static)       -30 °C         Operating temperature (static)       -30 °C         Operating temperature (static)       -30 °C         UV resistance       DIN EN ISO 4892-2 A         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         Bending radius (installation)       x Outer diameter         B		Data
Characteristic impedance       120 Ω ± 10 % @ 1 MHz         Electrical resistance line constant wire       78 Ω/km         Electrical resistance coating wire (Data)       54 Ω/km         Nominal voltage power AC max.       300 V         Electric capacitance (power)       40000 pF/km         AC withstand voltage power (wire - shield)       2 kV @ 60 s         AC withstand voltage power (wire - wire)       2 kV @ 60 s         Min. operating temperature (static)       -40 °C         Max. operating temperature (static)       -40 °C         Operating temperature (static)       -30 °C         Operating temperature (static)       -30 °C         Operating temperature (static)       -30 °C         UV resistance       DIN EN ISO 4892-2 A         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         Bending radius (installation)       x Outer diameter         B	Electrical function wire (data)	Power
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Bending radius (dynamic)       10 x Outer diameter         No. of torsion cycles       2 Mio.         Torsion speed       35 cycles/min		
No. of torsion cycles     2 Mio.       Torsion speed     35 cycles/min	Bending radius (dynamic)	
Torsion speed 35 cycles/min		
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