

## **EXACT8, 8XM8, 3 POLE MOULDED CABLE**

10.0m PUR 8x0,34+2x0,75 NPN-LED's

Art.No.: 8000-88011-3591000

Weight: 1.184 Country of origin: DE

Model designation: MVP8N-AN8D359 10.0m-NP

8-way, 3-pole

for NPN signals 24 V DC

Further cable lengths on request.

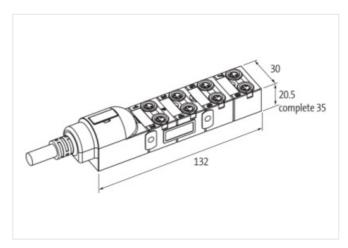
Plastic housings with good resistance against chemicals and oils.

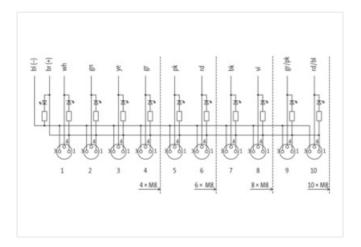
The resistance to aggressive media should be individually tested for your application. Further details on request.

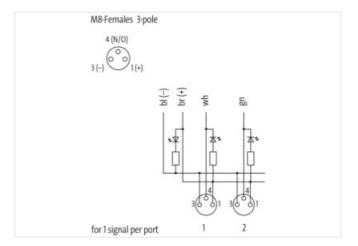
## **Link to Product**

## Illustration



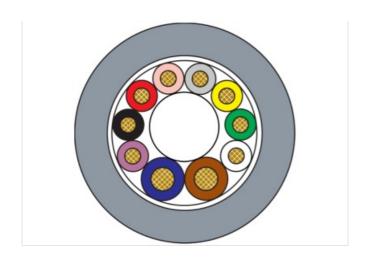


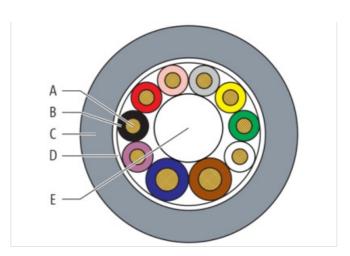


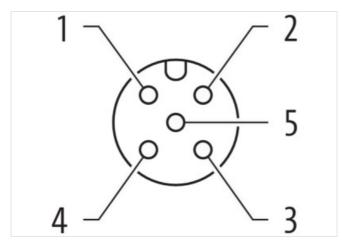




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Product may differ from Image









Header	
Material short text	MVP8N-AN8D359 10.0m-NP
Commercial data	
URL Webshop	https://shop.murrelektronik.com/8000-88011-3591000
GTIN	4048879054690
ECLASS-6.0	27143423
ECLASS-6.1	27279219
ECLASS-7.0	27279219
ECLASS-7.1	27279219
ECLASS-8.0	27279219
ECLASS-8.1	27279219
ECLASS-9.0	27440108
ECLASS-9.1	27440108
ECLASS-10.0.1	27440108
ECLASS-10.1	27440108
ECLASS-11.0	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108



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ECLASS-13.0	27440108
ECLASS-14.0	27440108
ETIM-5.0	EC002585
ETIM-6.0	EC002585
ETIM-7.0	EC002585
ETIM-8.0	EC002585
customs tariff number	85444290
EAN	4048879054690
Packaging unit	1
Electrical data   Supply	
Operating voltage DC	24 V
Current operating per contact max.	2 A
Total current max.	8 A
Industrial communication	
Number of signals per port	1
Installation   Connection	
Mounting set	M8 x 1
	IVIO A I
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP67, IP65
Device protection   Media	
Flame resistance	flame retardant
Mechanical data   Material data	
Material housing	Plastic
Mechanical data   Mounting data	
	Cabrania da
Mounting method	Schraubgewinde
Environmental characteristics   Climatic	
Operating temperature min.	-20 ℃
Operating temperature max.	80 °C
Additional condition temperature range	depending on cable quality
Installation   Cable	
Cable identification	359
Cable Type	3
Function cable	Hybrid, Signal, Power
Amount stranding	1
Stranding	Wires
Banding	Fleece
Filler	yes
Wire arrangement	brown, blue, violet, Black, red, pink, gray, yellow, green, white
Cable weigth	100 g/m
Material wire insulation	PP
Amount wires	8
Outer diameter insulation	1.5 mm
Outer diameter tolerance core insulation	± 0.05 mm
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation  Amount strands (wire)	LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free 42
Amount strands (wire)	0.1 mm
Diameter of single wires  Conductor crosssection (wire)	0.1 mm  0.34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Material wire insulation (type 3)	PP
material wife insulation (type 3)	••

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: 2025-11-10



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3)	Outer diameter wire insulation (type 3)	1.8 mm
LABS-free, CFC-free, cadmium-free, falloone-free, lead-free   Annount strands wire (type 3)   2	Tolerance outer diameter wire insulation (type 3)	± 0.05 mm
Amount strands were (type 3) 96  Amount strands were (type 3) 96  Charedron spile wires (type 3) 0.1 mm  Wire conductor cross section (type 3) 0.75 mm  Wire conductor type wire (type 3) Stranded copper wire, bare  Conductor type wire (type 3) Stranded copper wire, bare  Conductor type wire (type 3) Stranded copper wire, bare  Conductor type wire (type 3) Stranded copper wire, bare  Conductor type wire (type 3) Stranded copper wire, bare  Conductor spile wire (type 3) Stranded copper wire, bare  Conductor spile wire (type 3) 9.2 mm  Tolerance outer diameter (shelf) 9.2 mm  Tolerance outer diameter (shelf) 9.5 %  Material packet PUR  Shore hardness jacket PUR  Freedom from ingredients (jacket) PuR  Material property (jacket) PuR  Conductor resistance (wire) 55 0.2 mm @ 20 °C  Material property (jacket) Purpose (j	Shore hardness wire insulation (type 3)	70 ± 5 Shore D
Amount strands wire (type 3) 96  Diameter of single wies (type 3) 0.1 mm  Wire conductor ross section (type 3) 0.7 mm²  Material conductor wire (type 3) 57 anded copper wire, bare  Conductor type wire (type 3) 57 anded copper wire, bare  Strand class 6  Conductor type wire (type 3) 57 anded copper wire, bare  Tolerance outer diameter (flocket) 9.2 mm  Tolerance outer diameter (flocket) 9.2 mm  Tolerance outer diameter (flocket) 9.2 mm  Tolerance outer diameter (flocket) 9.2 type  Shore hardness jacket PUR  Shore hardness jacket 90.1 5 Shore A  Freedom from ingredients (glacket) matte, good machinability, abrasion-resistant, low adhesion  Conductor resistance (wire) 57 Ohm @ 20 °C  Conductor resistance (wire) 57 Ohm @ 20 °C  Conductor resistance (wire) 590 V  Withstand voltage (conductor - conductor) 500 V  Withstand voltage (invier - wire) 500 V  Withstand voltage (wire - isoket) 2 kV @ 60 s  Withstand voltage (wire - isoket) 2 kV @ 60 s  Withstand voltage (wire - isoket) 50 IN VDE 0298-4  Current load capacity (standard) 50 IN VDE 0298-4  Current carrying capacity min. wire (type 3) 12 A  Min. operating temperature (static) 40 °C @ 10000 h Operation  Operating temperature min. (dynamic) 50 °C @ 10000 h Operation  Operating temperature min. (dynamic) 60 °C /80 °C @ 10000 h Operation  Operating temperature min. (dynamic) 70 °C @ 10000 h Operation  Operating temperature min. (dynamic) 10 °C © 10000 h Operation  Operating temperature min. (dynamic) 10 °C © 10000 h Operation  Operating temperature min. (dynamic) 10 °C © 10000 h Operation  Operating temperature min. (dynamic) 10 °C © 10000 h Operation  Operating temperature min. (dynamic) 10 °C © 10000 h Operation  Operating temperature min. (dynamic) 10 °C © 10000 h Operation  Operating temperature min. (dynamic) 10 °C © 10000 h Operation  Operating temperature min. (dynamic) 10 °C © 10000 h Operation  Operating temperature min. (dynamic) 10 °C © 10000 h Operation  Operating temperature min. (dynamic) 10 °C © 10000 h Operation  Operating temperature min. (dynamic)	Ingredient freeness wire insulation (type 3)	LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Diameter of single wise (type 3)         0.1 mm           Wire conductor cross section (type 3)         0.75 mm²           Conductor type wire (type 3)         stranded copper wire, bare           Counter of type wire (type 3)         strand class 6           Outer claimater (jacker)         9.2 mm           Torberance outer diameter (sheath)         ± 5 %           Material jackert         PUR           Shore hardness jacket         PUR           Freedom from ingredients (jacket)         LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free           Material property (jacket)         matte, good machinability, abrasion-resistant, low adhesion           Conductor resistance (wire lype 3)         25 Clxm @ 20 °C           Conductor resistance (wire lype 3)         25 Clxm @ 20 °C           Max. rated voltage (conductor - conductor)         300 V           Withstand voltage (wire - wire)         2 kV @ 60 s           Withstand voltage (wire - jacket)         2 kV @ 60 s           Current load capacity min. wire         4 A           Current load capacity (standard)         10 DN VDE 0298-4           Current load capacity min. wire (type 3)         12 A           Max. operating temperature (static)         40 °C           Operating temperature man. (ophanic)         50 °C (90 °C @ 10000 h Operation	Amount wires (type 3)	2
Wire conductor cross section (type 3)         0.75 mm²           Material conductor wire (type 3)         Stranded copper wire, bare           Conductor type wire (type 3)         9.2 mm           Tolerance outer diameter (jacker)         9.2 mm           Tolerance outer diameter (jacker)         9.2 mm           Shore hardness jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         LABS-free, CPC-free, cadmium-free, silicone-free, halogen-free, jead-free           Material property (jacket)         mate, good machinability, abrasion-resistant, low adhesion           Conductor resistance (wire)         57 Ω/km @ 20 °C           Conductor resistance (wire) (yipe 3)         26 Ω/km @ 20 °C           Max. rated voltage (conductor - conductor)         300 V           Max. rated voltage (conductor - conductor)         500 V           Withstand voltage (wire - wire)         2 kV @ 60 s           Withstand voltage (wire - wire)         2 kV @ 60 s           Current toad capacity min. wire (type 3)         12 A           Min. operating temperature (static)         40 °C           Operating temperature (static)         80 °C / 90 °C @ 10000 h Operation           Operating temperature min. (drag chain)         90 °C @ 10000 h Operation           Operating temperature max. (dri	Amount strands wire (type 3)	96
Material conductor wire (type 3)         Stranded copper wire, bare           Conductor type wire (type 3)         strand class 6           Under diameter (scheath)         ± 5 %           Material jacket         PUR           Shore hardness jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free           Material property (jacket)         mate, good machinability, abrasion-resistant, low adhesion           Conductor resistance (wire)         57 Okm @ 20 °C           Conductor resistance (wire)         26 Ck/tm @ 20 °C           Max. rated voltage (conductor - ground)         300 V           Max. rated voltage (conductor - ground)         300 V           Withstand voltage (wire - wire)         2 kV @ 60 s           Withstand voltage (wire - wire)         2 kV @ 60 s           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4 <td>Diameter of single wires (type 3)</td> <td>0.1 mm</td>	Diameter of single wires (type 3)	0.1 mm
Conductor type wire (type 3)         strand class 6           Outer diameter (jacket)         9.2 mm           Tolerance outer diameter (sheath)         ± 5 %           Material jacket         PUR           Shore harriness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         LABS free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free           Material property (jacket)         matte, good machinability, abrasion-resistant, low adhesion           Conductor resistance (wire)         57 C/km @ 20 °C           Conductor resistance (wire)         20 K/km @ 20 °C           Max. rated voltage (conductor - ground)         300 V           Max. rated voltage (conductor - onductor)         500 V           Withstand voltage (wire - wire)         2 kV @ 60 s           Withstand voltage (wire - jacket)         2 kV @ 60 s           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (min. wire (type 3)         12 A           Min. operating temperature (static)         40 °C           Operating temperature min. (dynamic)         45 °C           Operating temperature min. (dynamic)         80 °C / 90 °C@ 10000 h Operation           Operating temperature mix. (drag chain)         60 °C           Bending radius (dynamic)         10 °C Outer diameter <td>Wire conductor cross section (type 3)</td> <td>0.75 mm²</td>	Wire conductor cross section (type 3)	0.75 mm²
Outer-diameter (jacket)         9.2 mm           Tolerance outer diameter (sheath)         ± 5 %           Makertal jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free           Material property (jacket)         mattle, good machinability, abrasion-resistant, low adhesion           Conductor resistance (wire type 3)         26 C/km @ 20 °C           Conductor resistance (wire type 3)         26 C/km @ 20 °C           Max. rated voltage (conductor - ground)         300 V           Max. rated voltage (vire - wire)         2 kV @ 60 s           Withstand voltage (vire - jacket)         2 kV @ 60 s           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire (type 3)         12 A           Max. operating temperature static)         40 °C           Max. operating temperature max. (dynamic)         25 °C           Operating temperature max. (dynamic)         80 °C / 90 °C @ 10000 h Operation           Operating temperature max. (dynamic)         60 °C           Operating temperature min. (drag chain)         50 °C           Operating temperature min. (drag chain) <t< td=""><td>Material conductor wire (type 3)</td><td>Stranded copper wire, bare</td></t<>	Material conductor wire (type 3)	Stranded copper wire, bare
Tolerance outer diameter (sheath) ± 5 % Material jacket PUR    Material jacket PUR    Freedom from ingredients (jacket)    Material property (jacket)    Conductor resistance (wire type 3)    26 Ω/km @ 20 °C    Max. rated voltage (conductor - conductor)    500 V    Withstand voltage (wire - wire)    2 kV @ 60 s    Withstand voltage (wire - jacket)    2 kV @ 60 s    Current load capacity (standard)    Current load capacity min. wire    4 A     Current carrying capacity min. wire (type 3)    12 A    Min. operating temperature (static)    Max. operating temperature (static)    Max. operating temperature min. (dynamic)    Operating temperature min. (dynamic)    Operating temperature min. (dynamic)    Operating temperature max. (dynamic)    Operating temperature max. (dynamic)    Operating temperature max. (drag chain)    Operating temperature max. (drag chain)    No. of bending cycles (C-track)    10 m @ 25 °C    Connection type 2  Free cable end    No. of poles    3 m @ 25 °C    Connection type 2  Free cable end    No. of poles    3 m @ 25 °C    Connection type 2  Free cable end    No. of poles    3 Gender    6 male    Color contact carrier    Black    PIN 1    + PIN 1    - **	Conductor type wire (type 3)	strand class 6
Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free           Material property (jacket)         mate, good machinability, abrasion-resistant, low adhesion           Conductor resistance (wire type 3)         26 Ω/km @ 20 °C           Conductor resistance (wire type 3)         26 Ω/km @ 20 °C           Max. rated voltage (conductor - ground)         300 V           Max. rated voltage (conductor - conductor)         500 V           Withstand voltage (wire - wire)         2 kV @ 60 s           Withstand voltage (wire - wire)         2 kV @ 60 s           Withstand voltage (wire - wire)         4 A           Current load capacity (standard)         10 DIN VDE 0298-4           Current load capacity min. wire         4 A           Current load capacity min. wire         40 °C           Max. operating temperature (static)         40 °C           Max. operating temperature (static)         40 °C           Max. operating temperature max. (/kynamic)         80 °C / 90 °C @ 10000 h Operation           Operating temperature mix. (/kynamic)         80 °C / 90 °C @ 10000 h Operation           Operating temperature mix. (drag chain)         5 °C           Operating temperature mix. (drag chain)<	Outer-diameter (jacket)	9.2 mm
Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         LABS-free, CPC-free, cadmium-free, silicone-free, halogen-free, lead-free           Material property (jacket)         matte, good machinability, abrasion-resistant, low adhesion           Conductor resistance (wire 1)         57 Ωkm @ 20 °C           Conductor resistance (wire type 3)         26 Ω/km @ 20 °C           Max. rated voltage (conductor - ground)         300 V           Max. rated voltage (conductor - ground)         500 V           Withstand voltage (wire - wire)         2 kV @ 60 s           Withstand voltage (wire - jacket)         2 kV @ 60 s           Current load capacity (standard)         10 DIN VEB 2094-4           Current load capacity (standard)         10 DIN VEB 2094-4           Current carrying capacity min. wire (type 3)         12 A           Min. operating temperature (static)         40 °C           Max. operating temperature (static)         80 °C / 90 °C @ 10000 h Operation           Operating temperature min. (dynamic)         25 °C           Operating temperature max. (dynamic)         80 °C / 90 °C @ 10000 h Operation           Operating temperature max. (dynamic)         50 °C           Operating temperature max. (dynamic)         7.5 × Outer diameter           Operating temperature max. (dynamic)         10 °C / 90 °C @ 10000 h	Tolerance outer diameter (sheath)	±5%
Freedom from ingredients (jacket)         LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free           Material property (jacket)         matte, good machinability, abrasion-resistant, low adhesion           Conductor resistance (wire type 3)         26 C/km @ 20 °C           Max. rated voltage (conductor - ground)         300 V           Max. rated voltage (conductor - conductor)         500 V           Withstand voltage (wire - wire)         2 kV @ 60 s           Withstand voltage (wire - jacket)         2 kV @ 60 s           Current load capacity min. wire         4 A           Current load capacity min. wire (type 3)         12 A           Min. operating temperature (static)         40 °C           Max. operating temperature min. (drynamic)         -25 °C           Operating temperature max. (dynamic)         80 °C / 90 °C @ 10000 h Operation           Operating temperature max. (dynamic)         5° °C           Operating temperature max. (dynamic)         5° °C           Operating temperature max. (drag chain)         5° °C           Operating temperature max. (drag chain)         5° °C           Operating temperature max. (drag chain)         6° °C           Bending radius (fixed)         7.5 °C Outer diameter           Bending radius (fixed)         10 °C Outer diameter           Traversing distance (C-tra	Material jacket	PUR
Material property (jacket)         matte, good machinability, abrasion-resistant, low adhesion           Conductor resistance (wire)         57 D/km @ 20 °C           Conductor resistance (wire lype 3)         26 D/km @ 20 °C           Max. rated voltage (conductor - ground)         300 V           Max. rated voltage (conductor - conductor)         500 V           Withstand voltage (wire - iacket)         2 kV @ 60 s           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4 A           Current load capacity min. wire (type 3)         12 A           Min. operating temperature (static)         40 °C           Max. operating temperature (static)         40 °C           Max. operating temperature min. (dynamic)         -25 °C           Operating temperature min. (dynamic)         -8 °C / 90 °C @ 10000 h Operation           Operating temperature max. (drag chain)         -5 °C           Operating temperature max. (drag chain)         -6 °C           Bending radius (fixed)         7.5 × Cuter diameter           No. of bending cycles (C-track)         10 m @ 25 °C   horizontal           Traversing distance (C-track)         10 m @ 25 °C   horizontal           Traversing distance (C-track)         10 m @ 25 °C   horizontal           Traversing construction form         Fre	Shore hardness jacket	90 ± 5 Shore A
Conductor resistance (wire)         57 Ω/km @ 20 °C           Conductor resistance (wire type 3)         26 Ω/km @ 20 °C           Max. rated voltage (conductor - ground)         300 V           Max. rated voltage (conductor - conductor)         500 V           Withstand voltage (wire - wire)         2 kV @ 60 s           Withstand voltage (wire - jacket)         2 kV @ 60 s           Current load capacity (standard)         to DIN VDE 0288-4           Current load capacity min. wire         4 A           Current load pacity min. wire (type 3)         12 A           Min. operating temperature (static)         40 °C           Max. operating temperature (static)         80 °C / 90 °C @ 10000 h Operation           Operating temperature min. (dynamic)         -25 °C           Operating temperature max. (dynamic)         80 °C / 90 °C @ 10000 h Operation           Operating temperature max. (dynamic)         80 °C / 90 °C @ 10000 h Operation           Operating temperature max. (dynamic)         10 °C           Bending radius (fixed)         7.5 ° C Uper diameter           Bending radius (fixed)         7.5 ° Outer diameter           Bending radius (fixed)         10 ° Outer diameter           No. of bending radius (dynamic)         10 ° C           Traversing distance (C-track)         10 m/s @ 25 °C	Freedom from ingredients (jacket)	LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Conductor resistance (wire)         57 Ω/km @ 20 °C           Conductor resistance (wire type 3)         26 Ω/km @ 20 °C           Max. rated voltage (conductor - ground)         300 V           Max. rated voltage (conductor - conductor)         500 V           Withstand voltage (wire - wire)         2 kV @ 60 s           Withstand voltage (wire - jacket)         2 kV @ 60 s           Current load capacity (standard)         to DIN VDE 0288-4           Current load capacity min. wire         4 A           Current load pacity min. wire (type 3)         12 A           Min. operating temperature (static)         40 °C           Max. operating temperature (static)         80 °C / 90 °C @ 10000 h Operation           Operating temperature min. (dynamic)         -25 °C           Operating temperature max. (dynamic)         80 °C / 90 °C @ 10000 h Operation           Operating temperature max. (dynamic)         80 °C / 90 °C @ 10000 h Operation           Operating temperature max. (dynamic)         10 °C           Bending radius (fixed)         7.5 ° C Uper diameter           Bending radius (fixed)         7.5 ° Outer diameter           Bending radius (fixed)         10 ° Outer diameter           No. of bending radius (dynamic)         10 ° C           Traversing distance (C-track)         10 m/s @ 25 °C	Material property (jacket)	matte, good machinability, abrasion-resistant, low adhesion
Max. rated voltage (conductor - ground)         300 V           Max. rated voltage (conductor - conductor)         500 V           Withstand voltage (wire - wire)         2 kV @ 60 s           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4 A           Current carrying capacity min. wire (type 3)         12 A           Min. operating temperature (static)         40 °C           Max. operating temperature static)         80 °C / 90 °C @ 10000 h Operation           Operating temperature max. (dynamic)         -25 °C           Operating temperature max. (dynamic)         -5 °C           Operating temperature max. (drag chain)         -5 °C           Operating temperature max. (drag chain)         -5 °C           Operating distance (C-track)         10 × Outer diameter           Bending radius (fixed)         7.5 × Outer diameter           Bo. of bending cycles (C-track)         5 Mio. @ 25 °C           Traversing distance (C-track)         10 m @ 25 °C   horizontal           Traversing distance (C-track)         10 m @ 25 °C   horizontal           Traversing distance (C-track)         10 m @ 25 °C   horizontal           Traversing distance (C-track)         10 m @ 25 °C   horizontal           Traversing distance (C-track)         10 m @ 25 °C   horizontal <td>Conductor resistance (wire)</td> <td>57 Ω/km @ 20 °C</td>	Conductor resistance (wire)	57 Ω/km @ 20 °C
Max. rated voltage (conductor - ground)         300 V           Max. rated voltage (conductor - conductor)         500 V           Withstand voltage (wire - wire)         2 kV @ 60 s           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4 A           Current carrying capacity min. wire (type 3)         12 A           Min. operating temperature (static)         40 °C           Max. operating temperature static)         80 °C / 90 °C @ 10000 h Operation           Operating temperature max. (dynamic)         -25 °C           Operating temperature max. (dynamic)         -5 °C           Operating temperature max. (drag chain)         -5 °C           Operating temperature max. (drag chain)         -5 °C           Operating distance (C-track)         10 × Outer diameter           Bending radius (fixed)         7.5 × Outer diameter           Bo. of bending cycles (C-track)         5 Mio. @ 25 °C           Traversing distance (C-track)         10 m @ 25 °C   horizontal           Traversing distance (C-track)         10 m @ 25 °C   horizontal           Traversing distance (C-track)         10 m @ 25 °C   horizontal           Traversing distance (C-track)         10 m @ 25 °C   horizontal           Traversing distance (C-track)         10 m @ 25 °C   horizontal <td>Conductor resistance (wire type 3)</td> <td>26 Ω/km @ 20 °C</td>	Conductor resistance (wire type 3)	26 Ω/km @ 20 °C
Withstand voltage (wire - wire)         2 kV ⊚ 60 s           Withstand voltage (wire - jacket)         2 kV ⊚ 60 s           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire (type 3)         4 A           Current carrying capacity min. wire (type 3)         12 A           Min. operating temperature (static)         40 °C           Max. operating temperature (static)         80 °C / 90 °C @ 10000 h Operation           Operating temperature min. (dynamic)         -25 °C           Operating temperature min. (dynamic)         80 °C / 90 °C @ 10000 h Operation           Operating temperature max. (dynamic)         5 °C           Operating temperature max. (drag chain)         60 °C           Bending radius (fixed)         7.5 × Outer diameter           Bending radius (fixed)         7.5 × Outer diameter           Bending radius (dynamic)         10 × Outer diameter           No. of bending sycles (C-track)         5 Mio. @ 25 °C           Traversing distance (C-track)         10 m @ 25 °C   horizontal           Travel speed (C-track)         3 m/s @ 25 °C           Concellation (C-track)         10 m/s @ 25 °C           Conscion type 2         Free cable end           No. of poles         3           Coding         A	Max. rated voltage (conductor - ground)	300 V
Withstand voltage (wire - jacket)         2 kV @ 60 s           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4 A           Current carrying capacity min. wire (type 3)         12 A           Min. operating temperature (static)         -40 °C           Max. operating temperature (static)         80 °C / 90 °C @ 10000 h Operation           Operating temperature min. (dynamic)         -25 °C           Operating temperature max. (dynamic)         80 °C / 90 °C @ 10000 h Operation           Operating temperature max. (drag chain)         -5 °C           To very temperature max. (drag chain)         -5 °C           Deprating temperature max. (drag chain)         -5 °C           T	Max. rated voltage (conductor - conductor)	500 V
Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 4 A  Current carrying capacity min. wire (type 3) 12 A  Min. operating temperature (static) -40 °C  Max. operating temperature (static) -25 °C  Operating temperature min. (dynamic) -25 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature min. (drag chain) -5 °C  Operating temperature min. (drag chain) -5 °C  Operating temperature max. (drag chain) -5 °C  To voter diameter  Bending radius (fixed) -7.5 × Outer diameter  Bending radius (dynamic) -10 × Outer diameter  No. of bending cycles (C-track) -5 Mio. @ 25 °C  Traversing distance (C-track) -10 m @ 25 °C   horizontal  Travel speed (C-track) -3 m/s @ 25 °C  Connection type 2  Family construction form Free cable end  No. of poles -10  Family construction form M8  No. of poles -3  Coding -A  Gender - female  Color contact carrier  Black  PIN 1 +  PIN 3	Withstand voltage (wire - wire)	2 kV @ 60 s
Current load capacity min. wire (type 3) 12 A  Min. operating temperature (static) 40 °C  Max. operating temperature (static) 80 °C / 90 °C @ 10000 h Operation  Operating temperature min. (dynamic) -25 °C  Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation  Operating temperature min. (drag chain) -5 °C  Operating temperature max. (drag chain) -5 °C  Operating temperature max. (drag chain) 60 °C  Bending radius (fixed) 7.5 × Outer diameter  Bending radius (dynamic) 10 × Outer diameter  No. of bending cycles (C-track) 5 Mio. @ 25 °C  Traversing distance (C-track) 10 m @ 25 °C   horizontal  Travel speed (C-track) 10 m @ 25 °C  Connection (C-track) 10 m/s² @ 25 °C  Connection type 2  Family construction form Free cable end  No. of poles 10  Family construction form M8  No. of poles 3  Coding A  Gender female  Color contact carrier Black  PIN 1 +  PIN 3 -	Withstand voltage (wire - jacket)	2 kV @ 60 s
Current carrying capacity min. wire (type 3)         12 A           Min. operating temperature (static)         -40 °C           Max. operating temperature (static)         80 °C / 90 °C @ 10000 h Operation           Operating temperature min. (dynamic)         -25 °C           Operating temperature max. (dynamic)         80 °C / 90 °C @ 10000 h Operation           Operating temperature max. (drag chain)         -5 °C           Operating temperature max. (drag chain)         60 °C           Bending radius (fixed)         7.5 × Outer diameter           Bending radius (dynamic)         10 × Outer diameter           No. of bending cycles (C-track)         5 Mio. @ 25 °C           Traversing distance (C-track)         5 Mio. @ 25 °C           Traver sing distance (C-track)         10 m @ 25 °C           Acceleration (C-track)         10 m/s² @ 25 °C           Connection type 2         Earnily construction form           Family construction form         Free cable end           No. of poles         10           Gender         6           Gender         female           Color contact carrier         Black           PIN 1         +           PIN 3         -	Current load capacity (standard)	to DIN VDE 0298-4
Min. operating temperature (static)         -40 °C           Max. operating temperature (static)         80 °C / 90 °C @ 10000 h Operation           Operating temperature min. (dynamic)         -25 °C           Operating temperature max. (dynamic)         80 °C / 90 °C @ 10000 h Operation           Operating temperature max. (drag chain)         -5 °C           Operating temperature max. (drag chain)         -5 °C           Operating temperature max. (drag chain)         60 °C           Bending radius (fixed)         7.5 × Outer diameter           Bending radius (dynamic)         10 × Outer diameter           No. of bending cycles (C-track)         5 Mio. @ 25 °C           Traversing distance (C-track)         10 m @ 25 °C   horizontal           Travel speed (C-track)         3 m/s @ 25 °C           Connection type 2         Eamily construction form           Family construction form         Free cable end           No. of poles         10           Family construction form         M8           No. of poles         3           Goding         A           Gender         female           Color contact carrier         Black           PIN 1         +           PIN 3         -	Current load capacity min. wire	4 A
Max. operating temperature (static)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Operating temperature max. (dynamic)  Operating temperature min. (drag chain)  Operating temperature min. (drag chain)  Operating temperature max. (dynamic)  Operating temperature max. (drag chain)  Oper	Current carrying capacity min. wire (type 3)	12 A
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Operating temperature min. (drag chain) Operating temperature max. (dynamic) Operating temperature max. (drag chain) Operating temperature deal operation Operating temper	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (drag chain) Operating temperature min. (drag chain) Operating temperature max. (drag chain) Operating te	Max. operating temperature (static)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (drag chain)  -5 °C Operating temperature max. (drag chain)  60 °C Bending radius (fixed)  7.5 × Outer diameter Bending radius (dynamic)  10 × Outer diameter  No. of bending cycles (C-track)  5 Mio. @ 25 °C  Traversing distance (C-track)  10 m @ 25 °C   horizontal  Travel speed (C-track)  3 m/s @ 25 °C  Connection type 2  Family construction form  Free cable end  No. of poles  10  Family construction form  M8  No. of poles  3  Coding  A  Gender  female  Color contact carrier  Black  PIN 1  +  PIN 3  - **	Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (drag chain) 60 °C  Bending radius (fixed) 7.5 × Outer diameter  Bending radius (dynamic) 10 × Outer diameter  No. of bending cycles (C-track) 5 Mio. @ 25 °C  Traversing distance (C-track) 10 m @ 25 °C   horizontal  Travel speed (C-track) 3 m/s @ 25 °C  Acceleration (C-track) 10 m/s² @ 25 °C  Connection type 2  Family construction form Free cable end  No. of poles 10  Family construction form M8  No. of poles 3  Coding A  Gender female  Color contact carrier Black  PIN 1 +  PIN 3 -	Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Bending radius (fixed)  7.5 × Outer diameter  Bending radius (dynamic)  10 × Outer diameter  No. of bending cycles (C-track)  5 Mio. @ 25 °C  Traversing distance (C-track)  10 m @ 25 °C   horizontal  Travel speed (C-track)  3 m/s @ 25 °C  Acceleration (C-track)  10 m/s² @ 25 °C  Connection type 2  Family construction form  Free cable end  No. of poles  10  Family construction form  M8  No. of poles  3  Coding  A  Gender  female  Color contact carrier  Black  PIN 1  +  PIN 3  -  -  -  -  -  -  -  -  -  -  -  -  -	Operating temperature min. (drag chain)	-5 °C
Bending radius (dynamic)  10 × Outer diameter  No. of bending cycles (C-track)  5 Mio. @ 25 °C  Traversing distance (C-track)  10 m @ 25 °C   horizontal  Travel speed (C-track)  3 m/s @ 25 °C  Acceleration (C-track)  10 m/s² @ 25 °C  Connection type 2  Family construction form  Free cable end  No. of poles  10  Family construction form  M8  No. of poles  3  Coding  A  Gender  female  Color contact carrier  Black  PIN 1  +  PIN 3  -  Journal Mio. @ 25 °C	Operating temperature max. (drag chain)	°C 09 00 00 00 00 00 00 00 00 00 00 00 00
No. of bending cycles (C-track)  Traversing distance (C-track)  Travel speed (C-track)  Travel speed (C-track)  Acceleration (C-track)  To m/s² @ 25 °C  Connection type 2  Family construction form  Free cable end  No. of poles  10  Family construction form  M8  No. of poles  3  Coding  A  Gender  female  Color contact carrier  Black  PIN 1  +  PIN 3  -  Mio m/ 25 °C   horizontal  10 m @ 25 °C    10 m/s² @ 25 °C   Mio m/s² @ 25 °C   Mio m/s² @ 25 °C   A  Connection type 2  Family construction form  M8  A  Black  PIN 1  +  PIN 3  -  Travel speed (C-track)  10 m @ 25 °C   horizontal  10 m @ 25 °C    10 m @ 25 °C    10 m @ 25 °C   10 m @ 25 °C   10 m @ 25 °C   10 m /s² @ 25	Bending radius (fixed)	7.5 × Outer diameter
Traversing distance (C-track)  10 m @ 25 °C   horizontal  Travel speed (C-track)  3 m/s @ 25 °C  Acceleration (C-track)  10 m/s² @ 25 °C  Connection type 2  Family construction form  Free cable end  No. of poles  10  Family construction form  M8  No. of poles  3  Coding  A  Gender  Gender  Female  Color contact carrier  Black  PIN 1  +  PIN 3  -  10 m/s² @ 25 °C  Norizontal  10 m/s² @ 25 °C	Bending radius (dynamic)	10 × Outer diameter
Travel speed (C-track) 3 m/s @ 25 °C  Acceleration (C-track) 10 m/s² @ 25 °C  Connection type 2  Family construction form Free cable end  No. of poles 10  Family construction form M8  No. of poles 3  Coding A  Gender female  Color contact carrier Black  PIN 1 +  PIN 3 -	No. of bending cycles (C-track)	5 Mio. @ 25 °C
Acceleration (C-track)  Connection type 2  Family construction form Free cable end No. of poles 10  Family construction form M8 No. of poles 3 Coding A Gender female Color contact carrier Black PIN 1 + PIN 3 -  10 m/s² @ 25 °C   M8  Free cable end  M8  A  Bree cable end  A  Bree cable end  A  Bree cable end  A  Bree cable end  Black  Free cab	Traversing distance (C-track)	10 m @ 25 °C   horizontal
Family construction form Free cable end  No. of poles 10  Family construction form M8  No. of poles 3  Coding A  Gender female  Color contact carrier Black  PIN 1 +  PIN 3 -	Travel speed (C-track)	3 m/s @ 25 °C
Family construction form Free cable end  No. of poles 10  Family construction form M8  No. of poles 3  Coding A  Gender female  Color contact carrier Black  PIN 1 +  PIN 3 -	Acceleration (C-track)	10 m/s² @ 25 °C
No. of poles         10           Family construction form         M8           No. of poles         3           Coding         A           Gender         female           Color contact carrier         Black           PIN 1         +           PIN 3         -	Connection type 2	
Family construction form         M8           No. of poles         3           Coding         A           Gender         female           Color contact carrier         Black           PIN 1         +           PIN 3         -	Family construction form	Free cable end
No. of poles         3           Coding         A           Gender         female           Color contact carrier         Black           PIN 1         +           PIN 3         -	No. of poles	10
Coding         A           Gender         female           Color contact carrier         Black           PIN 1         +           PIN 3         -	Family construction form	M8
Gender         female           Color contact carrier         Black           PIN 1         +           PIN 3         -	No. of poles	3
Color contact carrier         Black           PIN 1         +           PIN 3         -	Coding	A
PIN 1 + PIN 3 -	Gender	female
PIN 3 -	Color contact carrier	Black
	PIN 1	+
PIN 4 S	PIN 3	-
	PIN 4	S