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EXACT8, 8XM8, 3 POLE MOULDED CABLE

10.0m PUR 8x0,34+2x0,75, UL/CSA

Art.No.: 8000-88010-3591000

Weight: 1.184 Country of origin: DE

Model designation: MVP8N-AN8D359 10.0M

10.0 m

Further cable lengths on request.

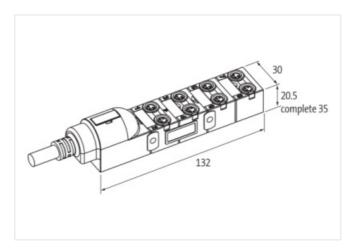
Plastic housings with good resistance against chemicals and oils.

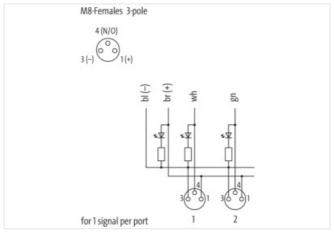
The resistance to aggressive media should be individually tested for your application. Further details on request.

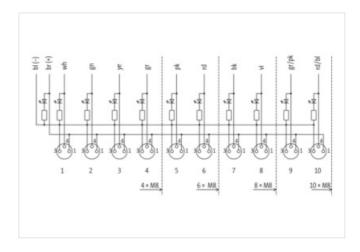
Link to Product

Illustration









Product may differ from Image











Header

Material short text

MVP8N-AN8D359 10.0M

Commercial data



URL Webshop	https://shop.murrelektronik.com/8000-88010-3591000
GTIN	4048879054720
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
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	4048879054720
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
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	
Mounting method	Schraubgewinde
Environmental characteristics Climatic	
Environmental characteristics Climatic Operating temperature min.	-20 °C
	-20 °C 80 °C
Operating temperature min.	
Operating temperature min. Operating temperature max.	80 °C
Operating temperature min. Operating temperature max. Additional condition temperature range	80 °C
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable	80 °C depending on cable quality
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification	80 °C depending on cable quality 359
Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Cable Type	80 °C depending on cable quality 359



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Banding Feice yee Wite arrangement brown, blue, volet, black, red, pink, gray, yellow, grean, white Cable weight 110 pin Material wave insulation PP Annount waves 8 Cuber disameter insulation 1,5 mm Cuber disameter insulation 1,5 mm Cuber disameter insulation 20 for mm Norther disameter insulation 1,5 mm Cuber disameter insulation 1		
Wite arrangement brown, Blue, violet, black, red, prisk, gray, yellow, green, white Cable weight 110 g/m Material wer insulation PP Amount wires 8 Cuter diameter insulation 1.5 mm Outer diameter insulation 70 Cuter diameter two insulation 70 Outer diameter wire insulation 70 Important freeness were insulation 70 Important freeness were insulation 2 Unmother or orising wires 0.1 mm Conductor type (wire) 34 mm² Markerial overline control wire 34 mm² Conductor type (wire) 48 mm² Markerial aver insulation (type 3) PP Cuter diameter wire insulation (type 3) PP Clair diameter wire insulation (type 3) PP Clair diameter wire insulation (type 3) 2 Ingredient freeness wire insulation (type 3) 1.8 mm Ingredient freeness wire insulation (type 3) 2 Remount attrack wire (type 3) 96 Diameter of single wires (type 3) 0.75 mm² Material productor wire (type 3) </td <td>Banding</td> <td>Fleece</td>	Banding	Fleece
Cable weight 110 j/m Material wire insulation PP Amount wires 8 Cuter diameter insulation 1.5 mm Cuter diameter insulation 1.0 5 mm Shore hardness wire insulation 1.00 5 mm Shore hardness wire insulation 1.0 1 mm Amount strands (wire) 42 Diameter of single wires 0.3 4 mm² Amount strands (wire) 42 Diameter of single wires 0.3 4 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) 5 mm Material vire insulation (type 3) 1.8 mm Clear diameter wire insulation (type 3) 1.9 mm Storie hardness wire insulation (type 3) 1.0 5 mm Shore hardness wire insulation (type 3) 2.0 5 mm Shore hardness wire insulation (type 3) 2.0 5 mm Shore hardness wire insulation (type 3) 2.0 5 mm Shore hardness wire insulation (type 3) 2.0 5 mm Shore hardness wire insulation (type 3) 2.0 5 mm Shore hardness wire insulation (type 3) 2.0 5 mm Shore hardnes	Filler	yes
Material wire insulation	Wire arrangement	brown, blue, violet, black, red, pink, gray, yellow, green, white
Anount wires 8 15 mm Outer dameter insulation 1 15 mm Outer dameter insulation 70 ingredient research wire insulation 1 15 mm Dimension of single wires 8 minutation 1 15 mm Dimension of single wires 8 minutation 1 15 mm Material conductor rows exciton (hipe 9 1 18 mm Outer dameter throughout him wires (hipe 3) 1 18 mm Outer dameter wire insulation (hipe 3) PP Outer dameter wire (hipe 3) PP Outer dameter (hipe 3) PP Outer dam	Cable weigth	110 g/m
Outer diameter insulation 1.5 mm Outer diameter tolerance core insulation ± 0.05 mm Ingredient freeness wire insulation ± 0.05 mm Ingredient freeness wire insulation LABS-free, CPC-free, cadmium-free, allicone-free, halogen-free, lead-free Amount strands (viere) 42 Canductor crossestiction (wire) 0.34 mm² Canductor trops (wire) 534 mm² Makerial solven diamotron (type 3) 1.8 mm Collector (pipe (wire) ± 1.8 mm Marcella wire insulation (type 3) 1.8 mm Tolerance outer diameter wire insulation (type 3) 1.8 mm Tolerance outer diameter wire insulation (type 3) 1.8 mm Shore hardness wire insulation (type 3) 2.05 mm Shore hardness wire insulation (type 3) 2.2 kmm Amount wires (type 3) 9.6 Danneter of single wires (type 3) 9.6 Danneter of single wires (type 3) 9.6 Danneter of single wires (type 3) 9.7 mm² Material conductor wire (type 3) 9.8 mm Danneter of single wires (type 3) 9.8 mm Danneter of single wires (type 3) 9.8 mm	Material wire insulation	PP
Outer diameter tolerance core insulation ± 0.05 mm Shore hardness were insulation in ingredient fleeness were insulation in ingredient fleeness were insulation. LABS-free, CPC-free, cadmium-free, silicone-free, halogen-free, lead-free. Amount stands (vire) 42 Dametier of single wires 0.34 mm² Conductor prosessection (vire) 0.34 mm² Material conductor wire Stranded copper vire, bare Conductor by given (vire) stranded copper vire, bare Material conductor wire Stranded copper vire, bare Material incorductor wire (type 3) 1.8 mm Tolerance outer diameter wire insulation (type 3) 1.8 mm Tolerance outer diameter wire insulation (type 3) 70 Shore hardness wire insulation (type 3) 70 Ingredient fleeness wire insulation (type 3) 70 Amount strands wire (type 3) 9 Diameter of single wires (type 3) 0.1 mm Will conductor wire (type 3) 0.75 mm² Material conductor wire (type 3) stranded copper wire, bare Conductor peak wire (type 3) stranded copper wire, bare Outer-diameter (sckel) 9.2 mm Oferance outer diameter (sp	Amount wires	8
Shore hardness wire insulation 70	Outer diameter insulation	1.5 mm
Ingredient freeness wire insulation Amount standa (wire) All ABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount standa (wire) All ABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount standa (wire) All ABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount standa (wire insulation (type 3) ABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount wires (wire insulation (type 3) ABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount wires (type 3) ABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount wires (type 3) ABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount wires (type 3) Amount standa wire (type 3) ABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount wires (type 3) Amount standa wire (type 4) Amount s	Outer diameter tolerance core insulation	± 0.05 mm
Amount strands (wire)	Shore hardness wire insulation	70
Diameter of single wires 0.1 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Strand class 6 Material wire insulation (type 3) PP Outer diameter wire insulation (type 3) 1.8 mm Tolerance outer diameter wire insulation (type 3) 1.8 mm Tolerance outer diameter wire insulation (type 3) 70 Shore hardness wire insulation (type 3) 70 Ingredient freeness wire insulation (type 3) 1.485-free, CFC-free, cadmium-free, silicone-free, hatogen-free, lead-free Amount wires (type 3) 2 Amount wires (type 3) 96 Diameter of single wires (type 3) 0.1 mm Wire conductor vire (type 3) 5.7 mm² Material problem (type wire) 6.7 mm² Material problem (type wire) 6.7 mm² Material problem (type wire) 9.2 mm Tolerance outer diameter (facket) 9.2 mm Material problem (type wire) 1.5 % Materi	Ingredient freeness wire insulation	LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Conductor crossection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (type 3) PP Outer diameter wire insulation (type 3) 1.8 mm Tolerance butter diameter wire insulation (type 3) 70 Shore hardness wire insulation (type 3) LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount wires (type 3) LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Diameter of single wires (type 3) 0.1 mm Diameter of single wires (type 3) 0.1 mm Material conductor 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 Tolerance outer diameter (sheath) ± 5 % Material pocket 9.2 mm Tolerance outer diameter (sheath) ± 5 % Material poperty (jacket) LABS-free, CFC-free, cadmium-free, alicone-free, halogen-free, lead-free Material poperty (jacket) page (jacket) LABS-free, CFC-free, cadmium-free, alicone-free, halogen-free, lead-free Conduct	Amount strands (wire)	42
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (type 3) PP Outer diameter wire insulation (type 3) 1.8 mm Tolerance outer diameter wire insulation (type 3) 2.05 mm Shore hardness wire insulation (type 3) 70 Ingredient freeness wire insulation (type 3) 2. Amount wires (type 3) 96 Amount strands wire (type 3) 9.1 mm Wire conductor oross section (type 3) 0.75 mm² Material conductor wire (type 3) 5 franded copper wire, bare Conductor type wire (type 3) 5 franded copper wire, bare Outer-diameter (jacket) 9.2 mm Tolerance outer diameter (sheathr) 9.2 mm Tolerance outer diameter (jacket) 9.2 mm Freedom from ingredients (jacket) 9.0 mm Material proberty (jacket) mate, good machinability, abrasion resistant, low adhesion Material proberty (jacket) mate, good machinability, abrasion resistant, low adhesion Conductor resistance (wire) 57 Qkm @ 20 °C Conductor resistance (wire) 57 Qkm @ 20 °C Ma	Diameter of single wires	0.1 mm
Conductor type (wire) strand class 6 Material wire insulation (type 3) PP Outer dameter wire insulation (type 3) 1.8 mm Tolerance outer diameter wire insulation (type 3) 70 Shore hardness wire insulation (type 3) LABS-free, CFC-free, cadmium-free, allicone-free, halogen-free, lead-free Amount wires (type 3) LABS-free, CFC-free, cadmium-free, allicone-free, halogen-free, lead-free Manual wires (type 3) 96 Diameter of single wires (type 3) 0.75 mm² Mile conductor wire (type 3) Stranded copper wire, bare Conductor type wire (type 3) Strand class 6 Material jacket PUR Material perperty (jacket) ± 5 % Material property (jacket) LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Material property (jacket) LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Material property (jacket) LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Material property (jacket) <td>Conductor crosssection (wire)</td> <td>0.34 mm²</td>	Conductor crosssection (wire)	0.34 mm ²
Material wire insulation (type 3)	Material conductor wire	Stranded copper wire, bare
Outer diameter wire insulation (type 3) 1.8 mm	Conductor type (wire)	strand class 6
Outer diameter wire insulation (type 3) 1.8 mm Tolerance outer diameter wire insulation (type 3) 2 0.05 mm Shore hardness wire insulation (type 3) 70 Image dient freeness wire insulation (type 3) LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount wires (type 3) 2 Amount strands wire (type 3) 95 Diameter of single wires (type 3) 0.1 mm Wire conductor wire (type 3) Stranded copper wire, bare Conductor lype wire (type 3) Stranded copper wire, bare Material conductor wire (type 3) Stranded copper wire, bare Cuter-diameter (gacket) 9.2 mm Tolerance outer diameter (sheath) ± 5 % Material packet PUR Shore hardness jacket 90 Freedom from ingredients (gacket) LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Material property (gacket) matte, good machinability, abrasion-resistant, low adhesion Conductor resistance (wire type 3) 26 Ω/km @ 20 °C Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - ground) 300 V Max. rated voltage (c	Material wire insulation (type 3)	PP
Tolerance outer diameter wire insulation (type 3) 3/70 Ingredient freeness wire insulation (type 3) 10 Ingredient freeness wire insulation (type 3) 10 Ingredient freeness wire insulation (type 3) 10 Ingredient freeness wire insulation (type 3) 20 Amount wires (type 3) 20 Dameter of single wires (type 3) 30 Dameter of single wires (type 3) 31 Dameter of single wires (type 3) 32 Dameter of single wires (type 3) 32 Dameter of single wires (type 3) 33 Dameter of single wires (type 3) 34 Dameter of single wires (type 3) 35 Dameter of single wires (type 3) 35 Dameter of single wires (type 3) 36 Dameter of single wires (type 3) 37 Dameter of single wires (type 3) 37 Dameter of single wires (type 4) 38 Dameter of single wires (type 4) 39 Dameter of single wires (type 4) 39 Dameter of single wires (type 4) 39 Dameter of single wires (type 4) 30 Dameter of single wires (type		1.8 mm
Sone hardness wire insulation (type 3) Ingredient freeness (type 4) Ingredient freeness (type 4) Ingredient freeness (type 4) Ingredient free	-	± 0.05 mm
LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free		± 0.05 mm
Amount wires (type 3) 96 Amount strands wire (type 3) 96 Diameter of single wires (type 3) 0.1 mm Wire conductor cross section (type 3) 0.75 mm² Material conductor 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 type wire (type 3) Stranded copper wire, bare Conductor type wire (type 3) 9.2 mm Tolerance outer diameter (sheath) ± 5 % Material jacket PUR Shore hardness jacket 90 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 bye 3) 26 Ω/km @ 20 °C Conductor resistance (wire bye 3) 26 Ω/km @ 20 °C Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - conductor) Withstand voltage (wire - wire) 2 kV @ 60 s Withstand voltage (wire - wire) 2 kV @ 60 s Withstand voltage (wire - siacket) 2 kV @ 60 s Withstand voltage (wire - siacket) 2 kV @ 60 s Current load capacity (standard) to DIN VDE 0298-4 Current carrying capacity min. wire (type 3) 12 A Min. operating temperature (static) 40 °C Max. operating temperature (static) 40 °C Max. operating temperature (mix. (droamic) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (droag chain) 60 °C Operating temperature min. (droag chain) 60 °C Deerating temperature min.	Shore hardness wire insulation (type 3)	70
Amount strands wire (type 3) 96 Diameter of single wires (type 3) 0.1 mm Wire conductor cross section (type 3) 0.75 mm² Material conductor wire (type 3) Stranded copper wire, bare Conductor type wire (type 3) strand class 6 Couter-diameter (jacket) 9.2 mm Tolerance outer diameter (sheath) ± 5 % Material packet PUR Shore hardness jacket 90 Freedom from ingredients (jacket) LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Material property (jacket) matte, good markinability, abrasion-resistant, low adhesion Conductor resistance (wire) 57 Ω/km @ 20 °C Conductor resistance (wire) 57 Ω/km @ 20 °C Conductor resistance (wire) 57 Ω/km @ 20 °C Max. rated voltage (conductor - conductor) 500 V Withstand voltage (conductor - conductor) 500 V Withstand voltage (wire - wire) 2 kV @ 60 s Withstand voltage (wire - jacket) 2 kV @ 60 s Current load capacity fini, wire 4 A Current carrying capacity min. wire (type 3) 12 A Min. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) 25 °C Bending radius (fixed) 7.5 × Outer diameter Bending radius (fixed) 10 × Outer diameter Bending radius (fixed) 10 × Outer diameter Bending radius (fixed) 10 × Outer diameter Fraversing distance (C-track) 10 m @ 25 °C horizontal Traverl speed (C-track) 3 m/s @ 25 °C	Ingredient freeness wire insulation (type 3)	LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Diameter of single wires (type 3) 0.1 mm	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) strand class 6 Outer-diameter (facket) 9.2 mm Tolerance outer diameter (sheath) ± 5 % Material jacket PUR Shore hardness jacket PUR Freedom from ingredients (facket) 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 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 - 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 Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) -5	Amount strands wire (type 3)	96
Material conductor wire (type 3) Stranded copper wire, bare Conductor type wire (type 3) strand class 6 Outer-diameter (jacket) 9.2 mm Tolerance outer diameter (sheath) ± 5 % Material jacket PUR Shore hardness jacket 90 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 Ω/km @ 20 °C 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 - 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 (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) 45 °C Operating temperature min. (dynamic) 60 °C Bending radius (fixed) 7.5 × Outer diameter Bending radius (dynamic) 10 × Outer diameter Bending radius (dynamic) 10 × Outer diameter Traversing distance (C-track) 3 m/s @ 25 °C Traversing distance (C-track) 3 m/s @ 25 °C	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 hardness jacket 90 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 Ωkm @ 20 °C Conductor resistance (wire) 26 Ωkm @ 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 0298-4 Current load capacity min. wire 4 A Current carrying capacity min. wire (type 3) 12 A Min. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature min. (drag chain) -5 °C Operating temperature min. (drag chain) -5 °C	Wire conductor cross section (type 3)	0.75 mm ²
Outer-diameter (jacket) 9.2 mm Tolerance outer diameter (sheath) ± 5 % Material jacket PUR Shore hardness jacket 90 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 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 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 (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature min. (drag chain) -5 °C Operating temperature min. (drag chain) -5 °C Operating temperature max. (drag chain) -5 °C	Material conductor wire (type 3)	Stranded copper wire, bare
Tolerance outer diameter (sheath)	Conductor type wire (type 3)	strand class 6
Material jacket PUR Shore hardness jacket 90 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 ½/km @ 20 °C Conductor resistance (wire type 3) 26 ½/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 0298-4 Current load capacity min. wire 4 A Current carrying capacity min. wire (type 3) 12 A Min. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 60 °C Bending radius (fixed) 7.5 × Outer diameter Bending radius (fixed) 5 Mio. @ 25 °C Traversing distance (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 3 m/s @ 25 °C Traversing distance (C-track) 3 m/s @ 25 °C Traversing distance (C-track) 3 m/s @ 25 °C	Outer-diameter (jacket)	9.2 mm
Shore hardness jacket 90 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 Ω/km @ 20 °C Conductor resistance (wire type 3) 26 Ω/km @ 20 °C Max. rated voltage (conductor - ground) 300 V Mithatand 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 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 (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) -25 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (drag chain) 60 °C Bending radius (fixed) 5 Mio. @ 25 °C horizontal Traver speed (C-track) 10 m @ 25 °C horizontal Traver speed (C-track) 3 m/s @ 25 °C horizontal Travel speed (C-track) 3 m/s @ 25 °C horizontal	Tolerance outer diameter (sheath)	± 5 %
Freedom from ingredients (jacket) Material property (jacket) mattle, good machinability, abrasion-resistant, low adhesion Conductor resistance (wire) 57 Ω/km @ 20 °C Conductor resistance (wire type 3) 26 Ω/km @ 20 °C Max. rated voltage (conductor - ground) Max. rated voltage (conductor - conductor) Withstand voltage (wire - wire) 2 kV @ 60 s Withstand voltage (wire - iacket) 2 kV @ 60 s 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 min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (drag chain) 50 °C Operating temperature max. (drag chain) 7.5 °C Operating adius (fixed) 7.5 × Outer diameter Bending radius (dynamic) 10 × Outer diameter No. of bending cycles (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 3 m/s @ 25 °C horizontal Travel speed (C-track) 3 m/s @ 25 °C horizontal Travel speed (C-track) 3 m/s @ 25 °C horizontal Travel speed (C-track) 3 m/s @ 25 °C horizontal Travel speed (C-track) 3 m/s @ 25 °C horizontal	Material jacket	PUR
Material property (jacket) matte, good machinability, abrasion-resistant, low adhesion 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 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 (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (drag chain) -5 °C Operating didus (fixed) <td>Shore hardness jacket</td> <td>90</td>	Shore hardness jacket	90
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 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 (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) -25 °C 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) 3 m/s @ 25 °C	Freedom from ingredients (jacket)	LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Conductor resistance (wire type 3) 26 Ω/km @ 20 °C Max. rated voltage (conductor - ground) 300 V Mistand 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 4 A Current carrying capacity min. wire (type 3) 12 A Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature min. (drag chain) 50 °C Bending radius (fixed) 7.5 × Outer diameter No. of bending cycles (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 3 m/s @ 25 °C Traversing distance (C-track) 3 m/s @ 25 °C horizontal Travel speed (C-track) 3 m/s @ 25 °C horizontal	Material property (jacket)	matte, good machinability, abrasion-resistant, low adhesion
Max. rated voltage (conductor - ground) Max. rated voltage (conductor - conductor) 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 4 A Current carrying capacity min. wire (type 3) Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation 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) 3 m/s @ 25 °C	Conductor resistance (wire)	57 Ω/km @ 20 °C
Max. rated voltage (conductor - conductor) 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 4 A Current carrying capacity min. wire (type 3) Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) 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	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 4 A Current carrying capacity min. wire (type 3) 12 A Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation 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	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 (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation 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	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 (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation 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	Withstand voltage (wire - wire)	2 kV @ 60 s
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 (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (drag chain) -5 °C 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	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 (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation 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	Current load capacity (standard)	to DIN VDE 0298-4
Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature min. (drag chain) Operating temperature min. (drag chain) Operating temperature min. (drag chain) Operating temperature max. (drag chain) Operating temperature min. (drag chain) Operating temperature min. (dynamic)	Current load capacity min. wire	4 A
Max. operating temperature (fixed) 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. (drag chain) Overating temperature min. (dynamic) Over	Current carrying capacity min. wire (type 3)	12 A
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature min. (drag chain) Operating temperature min. (drag chain) Operating temperature max. (drag chain) Op	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic) 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	Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (drag chain) 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	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	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	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	Operating temperature max. (drag chain)	00 °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		7.5 × 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		10 × Outer diameter
Traversing distance (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 3 m/s @ 25 °C		
Travel speed (C-track) 3 m/s @ 25 °C		10 m @ 25 °C horizontal
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