

EXACT8, 8XM8, 3 POLE MOULDED CABLE

3.0m PUR 8x0,34+2x0,75, UL/CSA

Art.No.: 8000-88010-3590300

Weight: 0.49

Country of origin: DE

Model designation: MVP8N-AN8D359 3.0M

3.0 m

Further cable lengths on request.

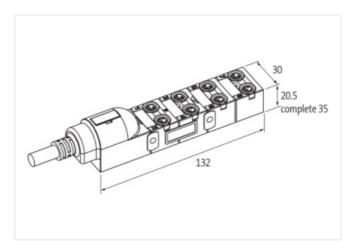
Plastic housings with good resistance against chemicals and oils.

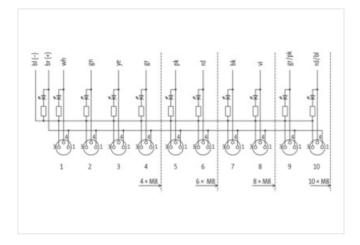
The resistance to aggressive media should be individually tested for your application. Further details on request.

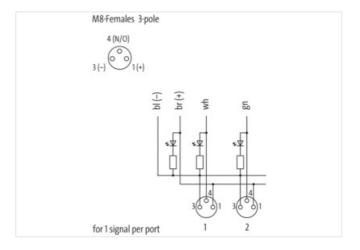
Link to Product

Illustration



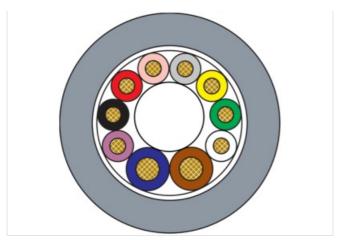


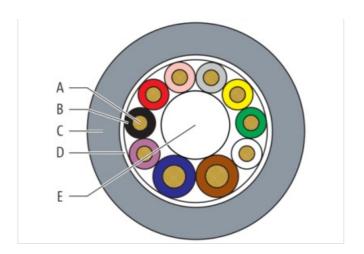






stay connected





Product may differ from Image











Material short text	MVP8N-AN8D359 3.0M
Commercial data	
URL Webshop	https://shop.murrelektronik.com/8000-88010-3590300
GTIN	4048879054744
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	4048879054744
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	



stay connected

Melerial housing Plastic Mechanical idata Material data Melerial housing Aberta Mechanical idata Material data Environmental characteristics Climatic Operating temperature max. 80 °C Adoditional condition temperature range depending on cable quality Installation Cable Cable identification 359 Cable identification 359 Cable identification 359 Struction cable Hybrid, Signal, Power Menount stranding 1 Stranding Wires Stranding Mires Stranding Piece Piece Wire arrangement Drown, blue, violet, blick, red, pink, gray, yellow, green, white Cable weigh 110 g/m Amount strandis Piece Piece Wire arrangement Drown, blue, violet, blick, red, pink, gray, yellow, green, white Cable weigh 110 g/m Amount wires 8 Mount diameter insulation PP Amount strandis were insulation 1.5 mm Outer diameter loterance core insulation 20 56 mm Strore hardness were insulation A2 Diameter of single wires D.1 mm Outer diameter wire insulation 1.5 mm Outer diameter wire insulation 42 Diameter of single wires D.1 mm Melerial conductor rows wire insulation (type 3) 1.8 mm Tolerance outer diameter wire insulation (type 3) 2.0 5 mm Strore hardness wire insulation (type 3) 4.0 5 mm Ingredent freeness wire insulation (type 3) 4.0 5 mm Ingredent freeness wire insulation (type 3) 4.0 5 mm Ingredent freeness wire insulation (type 3) 4.0 5 mm Ingredent freeness wire insulation (type 3) 4.0 5 mm Ingredent freeness wire insulation (type 3) 4.0 5 mm Ingredent freeness wire insulation (type 3) 5.0 5 mm Ingredent freeness wire insulation (type 3) 5.0 5 mm Ingredent freeness wire insulation (type 3) 5.0 5 mm Ingredent freeness wire insulation (type 3) 5.0 5 mm Ingredent freen	Number of signals per port	1
Degree of protection Electrical Power of protection Media Power of protection Media Power of	Installation Connection	
	Mounting set	M8 x 1
Degree of protection (EN IEC 60529) IP67, IP65 Povice protection (Modia Plastic		
Famor esistance Interesistance Inter		IDOZ IDOS
Machanical data Material d		IP67, IP65
Machanical data Material data Material data Mounting data Mounting method Schraubgewinde Environmental characteristics Climatic Operating temperature min.	Device protection Media	
Material housing Plastic Mounting method Schraubgewinde Environmental characteristics Climatic Operating temperature min. 40 °C Operating temperature min. 40 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality Installation (Cable Cable Viperating temperature max. 80 °C Cable Installation (Cable Phybrid, Signal, Power Amount stranding 1 Flooce Filler yes Banding Flooce Filler yes Banding Flooce Filler yes Cable with installation PP Material vive insulation PP Material vive insulation PP Material vive insulation PP Material vive insulation 1.5 mm Courter diameter tolerance core insulation 70 Filorer hardness wire insulation 70 Filorer hardness wire insulation 70 Filorer feeness were insulation 70 Filorer feeness were insulation (Vipe 3) Conductor type (vive) Material vive insulation (Vipe 3) Shore hardness vive insulation (Vip	Flame resistance	flame retardant
Mounting method Schraubgewinde Environmental characteristics Climatile Operating temperature mix. 80 °C Operating temperature max. 80 °C Additional condition temperature max. 859 Cable identification 359 Cable Type 3 °C Enterlia cable Pybrid, Signal, Power Amount stranding 11 Stranding Wire Campaigne Mixed Pybrid, Signal, Power Amount stranding 16 Filer yes Wire arrangement Pybrid, Signal, Power Cable weight 110 gim Material wire insulation Outer dameter insulation PPP Mount stranding 110 gim Material wire insulation 15.5 mm Outer dameter tiperance core insulation 15.5 mm Outer dameter tiperance core insulation 170 nm Ingredient Ireoness wire insulation 170 nm Ingredient Ireoness wire insulation (type 3) Carded copper wire, bare Conductor type (wire) Stranded copper wire, bare Conductor type (wire) 110 mm Material wire insulation (type 3) 12 nm Tolerance outer diameter wire insulation (type 3) 24 nm² Material conductor wire (type 3) 34 nm² Material conductor wire (type 3) 40 05 mm Shore hardness wire insulation (type 3) 40 05 mm Shore hardness wire insulation (type 3) 10 mm Tolerance outer diameter wire insulation (type 3) 24 005 mm Shore hardness wire insulation (type 3) 40 05 mm Shore hardness wire insulation (type 3) 40 05 mm Shore hardness wire insulation (type 3) 40 05 mm Shore hardness wire insulation (type 3) 40 05 mm Wire conductor over the insulation (type 3) 40 05 mm Wire conductor wire (type 3) 40 05 mm Wire conductor wire (type 3) 51 05 05 05 05 05 05 05 05 05 05 05 05 05	Mechanical data Material data	
Mounting method Schraubgewinde Environmental characteristics Climatic Operating temperature min. 20 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality Installation Cable Standification Cable identification 359 Cable identification 399 Cable image Special Power Power Amount stranding 1 Stranding Wires Banding Fleece Filler yes Wire arrangement brown, blue, violet, black, red, pink, gray, yellow, green, white Cable weight 110 g/m Manual wires 8 Outer diameter insulation PP Amount wires 8 Outer diameter insulation 1.5 mm Outer diameter insulation 2.0 mm Outer diameter insulation 7.0 Organication (wire) 4.2 Ms (ree, CFC-free, cadmium-free, sillcone-free, halogen-free, lead-free Amount strands (wire) 4.2 Diameter of single wires 0.1 mm	Material housing	Plastic
Environmental characteristics Climatic 20 °C Operating temperature min. 20 °C Additional condition temperature range depending on cable quality Installation Cable 359 Cable identification 359 Cable identification able Hybrid, Signal, Power Amount stranding 1 Function cable Hybrid, Signal, Power Amount stranding 1 Filter Wires Blanding Fleece Filter yes Wire arrangement brown, blue, violet, black, red, pink, gray, yellow, green, white Cable weight 110 g/m Affectal wire insulation PP Amount wires 8 Outer diameter insulation PP Amount wire feeress wire insulation 70 Ingredient freeness wire insulation 70 Ingredient freeness wire insulation 70 Outer diameter insulation (wire) 42 Diameter of single wires 0.1 mm Conductor type (wire) stranded copper wire, bare Material conductor we	Mechanical data Mounting data	
Environmental characteristics Climatic 20 °C Operating temperature min. 20 °C Additional condition temperature range depending on cable quality Installation Cable 359 Cable identification 359 Cable identification able Hybrid, Signal, Power Amount stranding 1 Function cable Hybrid, Signal, Power Amount stranding 1 Filter Wires Blanding Fleece Filter yes Wire arrangement brown, blue, violet, black, red, pink, gray, yellow, green, white Cable weight 110 g/m Affectal wire insulation PP Amount wires 8 Outer diameter insulation PP Amount wire feeress wire insulation 70 Ingredient freeness wire insulation 70 Ingredient freeness wire insulation 70 Outer diameter insulation (wire) 42 Diameter of single wires 0.1 mm Conductor type (wire) stranded copper wire, bare Material conductor we	Mounting method	Schraubgewinde
Operating temperature min. 20 °C Operating temperature max. 80 °C Additional condition temperature max. 80 °C Additional condition temperature may. 359 Cable Incentification 359 Cable Type 3 Function cable Hybrid, Signal, Power Amount stranding 1 Stranding Wires Stranding Fleece Filler yes Wire arrangement brown, blue, violet, black, red, pink, gray, yellow, green, white Cable weight 110 g/m Material wire insulation PP Amount wires 8 Amount wires 8 Outer diameter tolerance core insulation ± 0.05 mm Ingredient freeness wire insulation 70 Ingredient freeness wire insulation 2.05 mm Mondus trands (wire) 42 Diameter of single wires 0.1 mm Conductor type (wire) 0.34 mm² Material ovinic insulation (type 3) 1.8 mm Conductor type (wire) 3.8 mm Mater		- Contradogo minaco
Operating temperature max. 80 °C Additional condition temperature range depending on cable quality Installation Cable 359 Cable identification 359 Cable Type 3 Function cable Hybrid, Signal, Power Amount stranding 1 Stranding Fleece Filter yes Wire arrangement brown, blue, violet, black, red, pink, gray, yellow, green, white Cable weight 110 g/m Material wire insulation PP Amount wires 8 Outer diameter insulation 1.5 mm Outer diameter tolerance core insulation 2.0 mm Shore hardness wire insulation 7.0 Shore hardness wire insulation 1.5 mm Conductor freeness wire insulation 2.0 mm Shore hardness wire insulation 1.0 mm Conductor freeness wire insulation 2.0 mm Shore hardness wire insulation (yee) 4.2 Diameter of single wires 0.1 mm Conductor reseased (wire) 3.4 mm² Material wire insulation (ty	·	
Installation Cable	<u> </u>	
Installation Cable Cable identification 359 Gable 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 weight 110 g/m Material wire insulation PP Amount wires 8 Couter diameter insulation 70 Culer diameter tolerance core insulation 70 Culer diameter foreness wire insulation 70 Under diameter foreness wire insulation 42 Diameter of single wires 0.1 mm Conductor prossection (wire) 0.34 mm² Material wire insulation (wire) 42 Conductor type (wire) strand class 6 Material wire insulation (type 3) PP Outer diameter wire insulation (type 3) PP Outer diameter wire insulation (type 3) 1.8 mm Tolerance outer diameter wire insulation (type 3) 2		
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 weight 110 g/m Material wire insulation PP Amount wires 8 Outer diameter insulation 1.5 mm Outer diameter tolerance core insulation 70 Inigredient freeness wire insulation 70 Inigredient freeness wire insulation 42 Diameter of single wires 0.1 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (type 3) 1.8 mm Tolerance outer diameter wire insulation (type 3) 1.8 mm Tolerance outer diameter wire insulation (type 3) 4.0.05 mm Shore hardness wire insulation (type 3) LABS-free, CFC-free, cadmium-free, sillicon		depending on cable quality
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 110 g/m Material wire insulation PP Amount wires 8 Outer diameter Insulation 1.5 mm Outer diameter blerance core insulation 70 Ingredient freeness wire insulation 70 Ingredient freeness wire insulation 2.05 mm Shore hardness wire insulation 1.0 mm Conductor crossection (wire) 4.2 Diameter of single wires 0.1 mm Conductor type (wire) stranded copper wire, bare 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 Shore hardn	Installation Cable	
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 weight 110 g/m Material wire insulation PP Amount wires 8 Outer diameter insulation 1.5 mm Outer diameter folerance core insulation 1.5 mm Outer diameter folerance core insulation 70 Ingredient freeness wire insulation ABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount strands (wire) 42 Diameter of single wires 0.1 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (type 3) PP Outer diameter wire insulation (type 3) 1.8 mm Tolerance outer diameter wire insulation (type 3) 2 Amount wires (type 3) 2 Shore hardness wire insulation (ty	Cable identification	
Amount stranding 1 Stranding Wires Banding Fleece Filler yes Wire arrangement brown, blue, violet, black, red, pink, gray, yellow, green, white Cable weigth 110 g/m Material wire insulation PP Amount wires 8 Outer diameter insulation 1.5 mm Outer diameter insulation 2 Shore hardness wire insulation 1 LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount strands (wire) 42 Diameter of single wires 0 Diameter of single wires 1 Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (type 3) 70 Outer diameter wire insulation (type 3) 1.8 mm Tolerance outer diameter wire insulation (type 3) 2 Amount strands wire (type 3) 3 Shore hardness wire insulation (type 3) 4 Diameter of single wires (type 3) 0.1 mm Wires conductor wire (type 3) 0.75 mm Adaterial wire insulation (type 3) 2 Amount strands wire (type 3) 0.1 mm Wires conductor wire (type 3) 5 Material conductor wire (type 3) 5 Material conductor wire (type 3) 5 Material conductor wire insulation (type 3) 5 Material conductor wire (type 4) 5 Mat	Cable Type	3
Stranding Fleece Banding Fleece Filler yes Wire arrangement brown, blue, violet, black, red, pink, gray, yellow, green, white Cable weigth 110 g/m Material wire insulation PP Material wire insulation PP Amount wires 8 Outer diameter insulation 1.5 mm Outer diameter insulation 70 Ingredient freeness wire insulation 1.5 mm Ingredient freeness wire insulation 1.6 mm Conductor crossection (wire) 42 Diameter of single wires 0.1 mm Conductor vire (wire) 1.8 mm Conductor wire (wire) 1.8 mm Conductor wire (wire) 1.8 mm Tolerance outer diameter wire insulation (type 3) 1.8 mm Tolerance outer diameter wire insulation (type 3) 2 Amount wires (type 3) 96 Diameter of single wires wire insulation (type 3) 0.75 mm Shore hardness wire insulation (type 3) 0.75 mm Material conductor crossection (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 Tolerance 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) 1.8 mm Tolerance 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) 1.8 mm Tolerance 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) 1.8 mm Tolerance outer diameter wire insulation (type 3) 1.8 mm Tolerance outer diameter wire insulation (type 3) 1.8 mm Tolerance outer diameter (type 4) 1.8 mm	Function cable	Hybrid, Signal, Power
Fleece Parameter Paramet	Amount stranding	1
Wire arrangement brown, blue, violet, black, red, pink, gray, yellow, green, white Cable weigth 110 g/m Material wire insulation PP Amount wires 8 Multer diameter insulation 1.5 mm Outer diameter tolerance core insulation 2.0.05 mm Shore hardness wire insulation 1.4 MBS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount strands (wire) 42 Diameter of single wires 0.1 mm Conductor crosssection (wire) 3.1 mm Material wire insulation (type 3) 4.0 mm Tolerance outer diameter wire insulation (type 3) 2.0 mm Tolerance outer diameter wire insulation (type 3) 2.4 mm Mire dient freeness wire insulation (type 3) 2.4 mm Wire conductor swire insulation (type 3) 2.4 mm Mire dient freeness wire insulation (type 3) 2.4 mm Mire dient freeness wire insulation (type 3) 2.4 mm Mire dient wire insulation (type 3) 2.4 mm Mire dient wire insulation (type 3) 2.4 mm Mire dient wire insulation (type 3) 3.4 mm Mire dient wire insulation (type 3) 4.0 mm Mire dient wire insulation (type 3) 4.0 mm Mire dient wire insulation (type 3) 4.0 mm Mire dient wire insulation (type 3) 5.0 mm Mire dient freeness wire insulation (type 3) 4.0 mm Mire of single wires (type 3) 6.0 mm Mire conductor wire (type 3) 0.1 mm Mire conductor cross section (type 3) 5.7 mm Material conductor wire (type 3) 5.7 mm Material packet 9.2 mm Material packet 9.2 mm Material packet 9.0 mm	Stranding	Wires
Wire arrangement	Banding	Fleece
Cable weight 110 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 Ingredient freeness wire insulation LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount strands (wire) 42 Diameter of single wires 0.1 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (type 3) PP Outer diameter wire insulation (type 3) 1.8 mm Tolerance outer diameter wire insulation (type 3) 2 Shore hardness wire insulation (type 3) 70 Ingredient freeness wire insulation (type 3) 2 Amount wires (type 3) 2 Amount strands wire (type 3) 0.1 mm Wire conductor cross section (type 3) 0.75 mm² Material conductor wire (type 3) 5 strand class 6 Conductor type wire (type 3) 5 str	Filler	·
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 Ingredient freeness wire insulation LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount strands (wire) 42 Diameter of single wires 0.1 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material 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 Ingredient freeness wire insulation (type 3) 1.4 mm Amount strands wire (type 3) 2 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 <	Wire arrangement	
Amount wires 8 Outer diameter insulation 1.5 mm Outer diameter tolerance core insulation 2.05 mm Shore hardness wire insulation 70 Ingredient freeness wire insulation LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount strands (wire) 42 Diameter of single wires 0.1 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (type 3) PP Outer diameter wire insulation (type 3) 1.8 mm Tolerance outer diameter wire insulation (type 3) 2 Amount wires (type 3) 2 Amount wires (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) 5 stranded copper wire, bare Conductor diameter wire insulation (type 3) 0.75 mm² Material conductor wire (type 3) 5 stranded copper wire, bare Conductor or cross section (type 3) 5 stranded copper wire, bare Conductor type wire (type 3) 5 stranded copper wire, bare Conductor type wire (type 3) 5 stranded copper wire, bare Conductor type wire (type 3) 5 stranded copper wire, bare Conductor type wire (type 3) 5 stranded copper wire, bare Conductor diameter (jacket) 9.2 mm Tolerance outer diameter (sheath) ± 5 % Material jacket PUR		·
Outer diameter insulation 1.5 mm Outer diameter tolerance core insulation ± 0.05 mm Shore hardness wire insulation 70 Ingredient freeness wire insulation LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount strands (wire) 42 Diameter of single wires 0.1 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 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) 2 Amount wires (type 3) 2 Amount wires (type 3) 2 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) Stra		
Outer diameter tolerance core insulation ± 0.05 mm Shore hardness wire insulation 70 Ingredient freeness wire insulation LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount strands (wire) 42 Diameter of single wires 0.1 mm Conductor vire 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) 70 Ingredient freeness wire insulation (type 3) 2 Amount wires (type 3) 2 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 vire (type 3) 5 Material conductor wire (type 3) 5 Material conductor vire insulation (type 3) 5 Material conductor vire (type 3) 5 Material jacket 9 Material jacket 9 Material jacket 9 Material jacket 9 M		
Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) 42 Diameter of single wires 0.1 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 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 wire insulation (type 3) 1.4 ms Amount strands wire insulation (type 3) 2. Amount wires (type 3) 2. Amount strands wire (type 3) 2. Amount of strands wire (type 3) 3. Stranded copper wire, bare Wire conductor vire insulation (type 3) 3. Conductor type (type 3) 3. Conductor type (type 3) 3. Stranded copper wire, bare 4. Conductor type wire (type 3) 4. Stranded copper wire, bare 4. Conductor type wire (type 3) 4. Stranded copper wire, bare 4. Conductor type wire (type 3) 4. Stranded copper wire, bare 4. Conductor type wire (type 3) 4. Stranded copper wire, bare 4. Conductor type wire (type 3) 4. Stranded copper wire, bare 5. Stranded copper wire, bare 6. Conductor type wire (type 3) 6. Stranded copper wire, bare 6. Conductor type wire (type 3) 6. Stranded copper wire, bare 6. Conductor type wire (type 3) 6. Stranded copper wire, bare 6. Conductor type wire (type 3) 6. Stranded copper wire, bare 6. Conductor type wire (type 3) 6. Stranded copper wire, bare 6. Conductor type wire (type 3) 6. Stranded copper wire, bare 6. Conductor type wire (type 3) 6. Stranded copper wire, bare 6. Conductor type wire (type 3) 6. Stranded copper wire, bare 6. Conductor type wire (type 3) 6. Conductor type wire (ty		
Ingredient freeness wire insulation Amount strands (wire) 42 Diameter of single wires 0.1 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (type 3) Outer diameter wire insulation (type 3) 1.8 mm Tolerance outer diameter wire insulation (type 3) PP 3 Shore hardness wire insulation (type 3) 1.9 LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount strands wire (type 3) 2 Amount strands wire (type 3) 2 Amount strands wire (type 3) 0.1 mm Wire conductor cross section (type 3) 0.75 mm² Material conductor wire (type 3) Conductor type wire (type 3) Stranded copper wire, bare Conductor type wire (type 3) 0.1 mm Outer diameter (jacket) 0.2 mm Tolerance outer diameter (sheath) 2.5 % Material conductor wire (sheath) 2.5 % Material conductor wire (sheath) 2.5 % Material jacket PUR		
Amount strands (wire) Diameter of single wires Amount wire insulation (type 3) Diameter wire insulation (type 3) Amount wires (type 3) Diameter of single wires (type 3) Diameter of single wires (type 3) Amount wires (type 3) Diameter of single wires (type 3) Diameter of single wires (type 3) Amount wire insulation (type 3) Diameter of single wires (type 3) Amount wire (type 3) Diameter of single wires (type 3) Amount wire (type 3) Conductor vire (type 3) Conductor vire (type 3) Amount wire (type 3) Diameter of single wires (type 3) Amount wire (type 3) Conductor vire (type 3) Conductor vire (type 3) Amount wire (type 3) Conductor vire vire vire vire vi		
Diameter of single wires O.1 mm Conductor crosssection (wire) 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) 1.8 mm Tolerance outer diameter wire insulation (type 3) Shore hardness wire insulation (type 3) 1.4 mm Tolerance outer diameter wire insulation (type 3) Ingredient freeness wire insulation (type 3) LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount wires (type 3) Amount strands wire (type 3) Diameter of single wires (type 3) Material conductor cross section (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) 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 crosssection (wire) 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) Shore hardness wire insulation (type 3) LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount wires (type 3) Amount strands wire (type 3) Diameter of single wires (type 3) Material conductor wire (type 3) 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) 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) Strand class 6 Outer-diameter (jacket) 9.2 mm Tolerance outer diameter (sheath) ± 5 % Material jacket PUR		
Material conductor wire Conductor type (wire) Material wire insulation (type 3) Outer diameter wire insulation (type 3) Tolerance outer diameter wire insulation (type 3) Shore hardness wire insulation (type 3) Ingredient freeness wire insulation (type 3) Amount wires (type 3) Diameter of single wires (type 3) Material conductor wire (type 3) Material conductor wire (type 3) Material conductor wire (type 3) Conductor type wire (type 3) Stranded copper wire, bare Stranded copper wire, bare Outer-diameter (jacket) PUR	Diameter of single wires	
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) 70 Ingredient 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) 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 Outer-diameter (jacket) 9.2 mm Tolerance outer diameter (sheath) ± 5 % Material jacket PUR		
Material wire insulation (type 3) PP Outer diameter wire insulation (type 3) 1.8 mm Tolerance outer diameter wire insulation (type 3) ± 0.05 mm Shore hardness wire insulation (type 3) 70 Ingredient 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) 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 Outer-diameter (jacket) 9.2 mm Tolerance outer diameter (sheath) ± 5 % Material jacket PUR		
Outer diameter wire insulation (type 3) 1.8 mm Tolerance outer diameter wire insulation (type 3) Shore hardness wire insulation (type 3) Ingredient freeness wire insulation (type 3) Amount wires (type 3) Diameter of single wires (type 3) Diameter of single wires (type 3) O.1 mm Wire conductor cross section (type 3) Material conductor wire (type 3) Conductor type wire (type 3) Outer-diameter (jacket) Tolerance outer diameter (sheath) ### 1.8 mm ### 2.0.5 mm ### 2.0.5 mm ### 3.0.5 mm #	**	
Tolerance outer diameter wire insulation (type 3) 70 Ingredient 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) 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 Outer-diameter (jacket) 9.2 mm Tolerance outer diameter (sheath) ± 5 % Material jacket PUR		
Shore hardness wire insulation (type 3) Ingredient freeness wire insulation (type 3) LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount wires (type 3) Amount strands wire (type 3) Diameter of single wires (type 3) Material conductor cross section (type 3) O.75 mm² Material conductor wire (type 3) Conductor type wire (type 3) Outer-diameter (jacket) Tolerance outer diameter (sheath) ### Union Short free, halogen-free, lead-free #### 10-05 million ### UABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free #### 10-05 million #### 10-05 million ### 10-0		1.8 mm
Amount wires (type 3) Amount strands wire (type 3) Diameter of single wires (type 3) Material conductor wire (type 3) Outer-diameter (jacket) Outer-diameter (sheath) ABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free 2 Amount strands wire (type 3) 96 0.1 mm 0.75 mm² Stranded copper wire, bare Conductor type wire (type 3) Stranded copper wire, bare Outer-diameter (jacket) 9.2 mm Tolerance outer diameter (sheath) ± 5 % Material jacket PUR	3)	± 0.05 mm
Amount wires (type 3) Amount strands wire (type 3) Diameter of single wires (type 3) Diameter of single wires (type 3) O.75 mm² 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 wire insulation (type 3)	
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 Outer-diameter (jacket) 9.2 mm Tolerance outer diameter (sheath) ± 5 % Material jacket PUR	Ingredient freeness wire insulation (type 3)	LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Diameter of single wires (type 3) Wire conductor cross section (type 3) Material conductor wire (type 3) Conductor type 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	Amount wires (type 3)	
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 (jacket) 9.2 mm Tolerance outer diameter (sheath) ± 5 % Material jacket PUR	Amount strands wire (type 3)	
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	Diameter of single wires (type 3)	
Conductor type wire (type 3) strand class 6 Outer-diameter (jacket) 9.2 mm Tolerance outer diameter (sheath) ± 5 % Material jacket PUR	Wire conductor cross section (type 3)	
Outer-diameter (jacket) 9.2 mm Tolerance outer diameter (sheath) ± 5 % Material jacket PUR	Material conductor wire (type 3)	
Tolerance outer diameter (sheath) ± 5 % Material jacket PUR	Conductor type wire (type 3)	
Material jacket PUR	Outer-diameter (jacket)	
·		
Shore hardness jacket 90	Material jacket	
	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
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 ℃
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