

PRE-WIRED CAP FOR EXACT8, 8XM8, 3 POLE

5.0m PUR/PVC 8x0,34+2x0,75

Art.No.: 8000-88049-3570500 Weight: 0.564 Country of origin: CZ Model designation: MVP8N-ZH357 5.0M

PUR/PVC 5.0 m

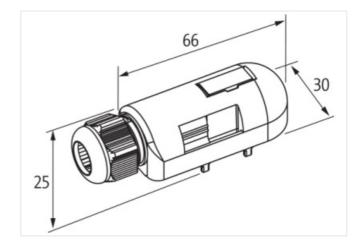
Plastic housings with good resistance against chemicals and oils.

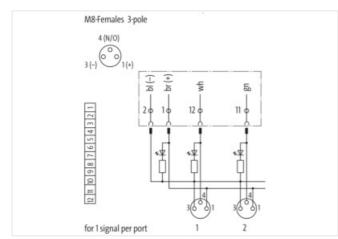
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product









Product may differ from Image



Header

Material short text

MVP8N-ZH357 5.0M

Commercial data

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: 2025-08-31



URL Webshop	https://shop.murrelektronik.com/8000-88049-3570500		
GTIN	4048879054584		
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	4048879054584		
Packaging unit	1		
Electrical data Supply			
Total current max.	8 A		
Device protection Media			
Flame resistance	flame retardant		
Mechanical data Material data			
Material housing	Plastic		
Environmental characteristics Climatic			
Operating temperature min.	-20 °C		
Operating temperature max.	80 °C		
Additional condition temperature range	depending on cable quality		
Installation Cable			
Cable identification	357		
Cable Type	2		
Function cable	Hybrid, Signal, Power		
Amount stranding	1		
Stranding	10 wires around core filler twisted		
Filler	yes		
Wire arrangement	black, red, pink, gray, yellow, green, white, brown, blue, violet		
Cable weigth	115.5 g/m		
Material wire insulation	PVC		
Amount wires	8		
Outer diameter insulation	1.3 mm		
Outer diameter tolerance core insulation	± 0.1 mm		
Shore hardness wire insulation	43 5 Shore D		
Material properties wire insulation	good machinability		
Ingredient freeness wire insulation	CFC-free, cadmium-free, silicone-free, lead-free		
Amount strands (wire)	19		
Diameter of single wires	0.15 mm		
mation in this Product-PDF has been compiled with the utmost care.			

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Material conductor vira Remained corpor vira, tara Contract (rype (vire) Strand clubs Outer diameter vira insulation (type 2) 1.8 mm Teams could clubs (vira) 2.0 1 mm Material proporties wire insulation (type 2) good machinability Material proporties wire insulation (type 2) QC-Deten, cammun-free, silicone-free, leas-free Amount virais (type 2) QC-Deten, cammun-free, silicone-free, leas-free Amount virais (type 2) QC-Deten, cammun-free, silicone-free, leas-free Amount virais (type 2) QC-Deten, cammun-free, silicone-free, leas-free Constructor (type 1) DS mmin Constructor (type 2) QC-Deten, cammun-free, silicone-free, leas-free Material conductor (type 1) DS mmin Constructor (type 1) Perver Wite conductor (type 1) SS min Constructor (type 2) Perver Material proceyn (type 2) Perver Material proceyn (type 2) SS mont doctops Conter doctops sinker (theffst) S fS foro A Presector horn ingradents (theffst) S fS foro A Presector horn ingradents (theffst) S fS foro A	Conductor crosssection (wire)	0.34 mm ²	
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Tolerance start diameter wire insulation (type 2) So do machinability Signature of single starts wire insulation (type 2) See the starts of the second starts of the sec	Material wire insulation (type 2)	PVC	
2) CV IIIII Autrial proprieties wire insulation (type 2) CPC-tee, cadmium-fee, silicone-free, lead-free Amount standa (type 2) 2 Amount standa (type 2) 0.2 mm Concluster of single wires (type 2) 0.2 mm Concluster of single wires (type 2) 0.2 mm Concluster or sease 0.7 mm Material conductor wire (type 2) Strand doss 5 Electrical function wire (type 2) Power Strand machines wire insulation (type 3) 43 Outre diamoter (tabel) 1.5 % Strand names size insulation (type 4) 43 Outre diamoter (tabel) 1.5 % Material could realmoter (tabel) 1.5 % Strand hardnes signatet PLIP Strand hardnes signatet PLIP Strand hardnes signatet PVC Conductor resistance (wire) Str Ohm (wire) (tabel) Material incore (tabel) 1.6 % Material incore (tabel) 9.0 °C Material incore (tabel) 9.0 °C Material incore (tabel) 9.0 °C Max. radia vallage (conductor - upound) <td< td=""><td>Outer diameter wire insulation (type 2)</td><td>1.8 mm</td></td<>	Outer diameter wire insulation (type 2)	1.8 mm	
Ingredient Feeness wire insulation (type 2) CFC-fee, cadmum-fee, laid-fee Amount wires (type 2) 2 Darneter of single wires (type 2) 0.2 mm Amount strains were (type 2) 0.2 mm Conductor ruse (type 2) 0.7 mm ² Material conductor wire (type 2) 0.7 mm ² Nore functions wire (type 2) 0.7 mm ² Nore functions (type 2) 0.7 mm ²		± 0.1 mm	
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Amount strands wire (type 2) 24 Diameter of single wires (type 2) 0.2 mm Conductor or second wire (type 2) Stranded copper wire, bare Wire conductor wire (type 2) Strand copper wire, bare Wire conductor wire (type 2) Power Strone hardness wire insulation (type 3) 43 Outer-diameter (ideated) 15 %. Material jacket PUR Strone hardness jackol B7 S Shore A Freedom from ingredients (ideated) CEC-free, candmum-free, silicone-free, lead-free Material jacket PUR Strone hardness (ideated) CEC-free, candmum-free, silicone-free, lead-free Material property (ideate) material opperty (ideate) Material and (ideated) PVC Color (inter jackat) gray Conductor restations (wire) 57 Okm @ 20 °C Material voltage (conductor - conductor) 300 V Withstand voltage (wire - isekat) LN @ 60 is Withstand voltage (wire - wire) 2 NV @ 60 is Withstand voltage (wire - wire) 30 °C Material chapacity (intra-wire) 5 °C Operating temper	Ingredient freeness wire insulation (type 2)	CFC-free, cadmium-free, silicone-free, lead-free	
Dameter of aingle wires (type 2) 0.2 mm Conductor crossection wire (type 2) Strand dcopper wire, bare Wire conductor type (type 2) Strand class 5 Electrical function wire (type 2) Power Stron hardness wire insulation (type 3) 43 Outer-diameter (tacket) 8.6 mm Tolerance outing dameter (trabeath) 1.5 %. Material jacket PUR Stron hardness packet 8.7 S Shore A Freedom from ingredients (tacket) malte, good machinability, abrasion-resistant, low adhesion Material jacket PVC Conductor resistance (wire) 5.7 G Mm @ 20 C Max, rated voltage (conductor - conductor) 300 V Max, rated voltage (conductor - conductor) 300 V Mithstand voltage (wire - wire) 2.kV @ 60 s Current load capacity (standard) to DIN VDE 0298-4 Current load capacity mir, wire 4.A Current load capacity mir, wire (ward) 30 °C Min, operature mire, (ward) 50 °C Operating temperature mix, (dynamic) 70 °C Operating temperature mix, (dynamic) 70 °C <td< td=""><td>Amount wires (type 2)</td><td>2</td></td<>	Amount wires (type 2)	2	
Conductor crossection wire (type 2) 0.75 mm² Material conductor wire (type 2) Stranded copper wire, bare Wire conductor (type (type 2)) Power Shore hardness wire insulation (type 3) 43 Outer-diameter (insulation (type 3) 43 Outer-diameter (insulation (type 3) 43 Outer-diameter (insulation (type 3) 43 Material jacket PUR Shore hardness jackot 87 5 Shore A Freedom from ingredients (gacket) CFC-free, cadmum-free, silicone-free, lead-free Material inerr (acket) malle, good machinability, abrasion-resistant, low adhesion Material inerr (acket) pray Conductor estimation (wire) 57 OAm @ 20 °C Material inerr (acket) pray Conductor estimation (wire) 57 OAm @ 20 °C Material inerr (acket) 90 V Wifthstand voltage (conductor - oround) 300 V Wifthstand voltage (wire - wire) 2 kV @ 60 s Current load capacity min. wire 4 A Current load capacity min. wire 4 A Current load capacity min. wire (type 2) 12 A Min. open	Amount strands wire (type 2)	24	
Material conductor wire (type 2) Strand class 5 Electrical Incident wire (type 2) Power Shore hardness wire insulation (type 3) 43 Outer-diameter (lacket) 8.8 mm Tolerance outer diameter (rheath) 1.5 % Material jacket PUR Shore hardness jacket 8.7 % Material jacket PUR Shore hardness jacket 0.0 CFC-free, cadmium-free, lead-free Material jacket PUR Shore hardness jacket PUR Material jacket PUR Color (inner jacket) gray Conductor resistance (wire) 57 0.1 Km @ 20 °C Max. rated voltage (conductor - onductor) 300 V Withstand voltage (conductor - onductor) 20 V@ @ 60 a Current load capacity (min. wire) 21 X/@ @ 60 a Current load capacity (min. Wire (type 2) 12 A	Diameter of single wires (type 2)	0.2 mm	
Wire conductor type (type 2) Strand class 5 Electrical function wire (type 2) Power Shore hardness wire insulation (type 3) 43 Outer-diameter (jacket) 8.6 mm Tolerance outer diameter (jacket) 8.6 mm Tolerance outer diameter (jacket) 8.6 mm Shore hardness jacket PUR Shore hardness jacket PUR Shore hardness jacket PUR Shore hardness jacket PUR Shore hardness jacket PVC Color (mer jacket PVC Color (mer jacket) gray Conductor resistance (wire) 57 Dkm @ 20 °C Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (wire - wire) 2 KV @ 60 s Current load capacity min. wire 4 A Current load capacity fain. wire (type 2) 12 A Min. oparating temperature (stack) 80 °C Operating temperature max. (drag chain) 5 °C Opperating temperature max. (drag chain) 5 °C Opperating temperature max. (drag chain) 5 °C Operating temperature max. (drag chain) <td>Conductor crosssection wire (type 2)</td> <td>0.75 mm²</td>	Conductor crosssection wire (type 2)	0.75 mm ²	
Electrical function wire (type 2) Power Shore hardness wire insultation (type 3) 43 Outer-dameter (gloket) 8.6 mm Tolerance outer diameter (sheath) ± 5 % Material jacket PUR Shore hardness gloket 67 5 Shore A Freedom from ingredients (jacket) CFC-free, cadmium-free, silicone-free, lead-free Material jacket PV C Color (mner jacket) gray Conductor resistance (wire) 57 Ωkm @ 20 °C Max, rade voltage (conductor - conductor) 300 V Max, rade voltage (conductor - conductor) 300 V Withstand voltage (conductor - conductor) 300 V Withstand voltage (wire - jacket) 2 kV @ 60 s Current load capacity (standard) to DIN VDE 0288-4 Current load capacity min. Wire (type 2) 12 A Min. operating temperature (tistic) -30 °C Operating temperature min. (dynamic) -5 °C Operating temperature min. (dynamic) -5 °C Operating temperature min. (dynamic) -5 °C Operating temperature min. (drg chain) -5 °C Operating temperature min	Material conductor wire (type 2)	Stranded copper wire, bare	
Shore hardness wire insulation (type 3) 43 Outer-diameter (jacket) 8.6 mm Tolerance outer diameter (bath) 2.5 % Material jacket PUR Shore hardness jacket 8.7 5 Shore A Freedom from ingredients (jacket) GPC-free, cadmitum-free, silicone-free, lead-free Material jacket PVC Conductor resistance (wire) 57 Okm @ 20 °C Max, rated voltage (conductor - conductor) 300 V Max, rated voltage (conductor - conductor) 300 V Withstand voltage (wire - jacket) 2 kV @ 60 s Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to O'C Garadating temperature (stacd) 80 °C Operating temperature max. (drag chain) <td< td=""><td>Wire conductor type (type 2)</td><td>Strand class 5</td></td<>	Wire conductor type (type 2)	Strand class 5	
Outer-diameter (jacket) 8.6 mm Tolerance outer diameter (gheath) 2.5 % Material jacket PUR Shore hardness jacket 87.5 Shore A Freedom from ingredients (jacket) CFC-free, cadmium-free, silcone-free, lead-free Material jonger (jacket) mate, good machinability, abrasion-resistant, low adhesion Material inner jacket PVC Conductor resistance (wire) 57 Ωkm @ 20 °C Max, rated voltage (conductor - ground) 300 V Withstand voltage (wire - ground) 300 V Withstand voltage (wire - wire) 2 kV @ 60 s Current load capacity (sind-arc) to DIN VDE 0298-4 Current load capacity (min. Wire (type 2) 12 A Min. operating temperature (static) 30 °C Operating temperature (static) 30 °C Operating temperature (min. Wire (type 2) 12 A Min. operating temperature (static) 30 °C Operating temperature max. (dynamic) 70 °C Operating temperature min. (Ming chain) 5 °C Operating temperature min. (Ming chain) 5 °C Operating temperature max. (dynamic) 70 °C <td>Electrical function wire (type 2)</td> <td>Power</td>	Electrical function wire (type 2)	Power	
Tolerance outer diameter (sheath) ± 5 % Material jacket PUR Shore hardness jacket 67 5 Shore A Freedom from ingredients (jacket) CFC-free, cadmium-free, silicone-free, lead-free Material inner jacket PVC Coductor resistance (wire) 97 20 km @ 20 °C Max, rated voltage (conductor - ground) 300 V Wax, rated voltage (conductor - oroducton) 300 V Withstand voltage (wire - wire) 2 kV @ 60 s Withstand voltage (wire - ijacket) 10 N VDE 0298-4 Current load capacity min. wire 4 A Current load capacity min. wire 4 A Current load capacity min. wire 4 A Current load capacity min. wire 80 °C Operating temperature (ked) 80 °C Operating temperature min. (dynamic) 5 °C Operating temperature min. (dynamic) 10 °C Hending radius (fixed) 5 - °C Operating temperature min. (dynamic) 10 °C	Shore hardness wire insulation (type 3)	43	
Material jacket PUR Shore hardness jackt 87 S Shore A Freedom from ingredents (jacket) CFC-free, cadmium-free, silicone-free, lead-free Material property (jacket) matte, good machinability, abrasion-resistant, low adhesion Material property (jacket) matte, good machinability, abrasion-resistant, low adhesion Material property (jacket) gray Color (inner jacket) 97 2 /bm @ 20 °C Max, rated voltage (conductor - stroutd) 300 V Max, rated voltage (conductor - conductor) 300 V Withstand voltage (wire - wire) 2 kV @ 60 s Withstand voltage (wire - ijacket) 2 kV @ 60 s Current load capacity (standard) to DIN VDE 0298.4 Current load capacity min. Wire (type 2) 12 A Min. operating temperature (static) -30 °C Operating temperature (static) -50 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) -5 °C Operating temperature min. (drag chain) 60 °C Flame resistance UL 1581 § 1990, CSA FT2, IEC 60332-2-2 Oil resistance good Other resi	Outer-diameter (jacket)	8.6 mm	
Shore hardness jacket 87 5 Shore A Freedom from ingredients (jacket) CFC-free, cadmium-free, silicone-free, lead-free Material incrept (jacket) mate, good machinability, abrasion-resistant, low adhesion Material incrept (jacket) gray Conductor resistance (wire) 57 0 km @ 20 °C Max. rated voltage (conductor - conductor) 300 V Max. rate voltage (conductor - conductor) 300 V Withstand voltage (wire - ijacket) 2 kV @ 60 s Current load capacity (standard) to DIN VDE 298-4 Current load capacity (standard) to DIN VDE 298-4 Current load capacity (standard) to DIN VDE 298-4 Current load capacity (min. wire 4 A Current load capacity (min. wire 4) 30 °C Operating temperature (incol) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperat		±5%	
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Material property (jacket) matte, good machinability, abrasion-resistant, low adhesion Material inner jacket PVC Color (inner jacket) gray Conductor resistance (wire) 57 Okm @ 20 °C Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - onductor) 300 V Max. rated voltage (wire - if excert) 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 load capacity min. Wire (type 2) 12 A Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature (static) -5 °C Operating temperature max. (dynamic) 70 °C Operating temperature max. (dynamic) 5 °C Operating temperature max. (dynamic) 10 °C	-		
Material inner jackat PVC Color (inner jackat) gray Conductor resistance (wire) 57 0/km @ 20 °C Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - conductor) 300 V Withstand voltage (wire - wire) 2 kV @ 60 s Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. Wire (type 2) 12 A Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature max. (dynamic) 7 °C Operating temperature max. (dynamic) 7 °C Operating temperature max. (drag chain) 60 °C Flame resistance UL 1581 § 1090. CSA FT2, IEC 60332-2-2 Oil resistance good Other resistance good Other resistance good Other resistance good Other resistance s ^2 °C Traveris gistance (C-track) 5 * ©C		matte, good machinability, abrasion-resistant, low adhesion	
Color (inner jacket)grayConductor resistance (wire) $57 \Omega \text{km} @ 20 ^\circ \text{C}$ Max. rated voltage (conductor - ground) 300V Max. rated voltage (conductor - conductor) 300V Withstand voltage (wire - wire) $2 \text{kV} @ 60 \text{s}$ Withstand voltage (wire - jacket) $2 \text{kV} @ 60 \text{s}$ Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. Wire (type 2) 12A Min. operating temperature (statc) $-30 ^\circ \text{C}$ Max. operating temperature (statc) $-30 ^\circ \text{C}$ Operating temperature (statc) $-5 ^\circ \text{C}$ Operating temperature (statc) $-5 ^\circ \text{C}$ Operating temperature min. (dynamic) $-5 ^\circ \text{C}$ Other resistanceUL 1581 § 1090, CSA FT2, IEC 60332-2-2Oll resistanceIEC 60811-404Chemical resistancegoodThere resistancegoodTher resistancegood <td< td=""><td></td><td></td></td<>			
Conductor resistance (wire) 57 Ω/km @ 20 °C Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - ground) 300 V Withstand voltage (wire · ipacket) 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 load capacity min. Wire (type 2) 12 A Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature min. (dynamic) 5 °C Operating temperature min. (dynamic) 70 °C Operating temperature max. (drag chain) 60 °C Flame resistance UL 1581 § 1090, CSA FT2, IEC 60332-2-2 Oil resistance IEC 60311-404 Chemical resistance godd Other resistance godd Other resistance Volter diameter Bending radius (fixed) 5 × C. Traversing distance (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C Traversing distance (C-track) 5 m @ 25 °C Traversing distance (C-track) <td></td> <td></td>			
Max. rated voltage (conductor - ground) 300 V 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 (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Current load capacity min. wire 5 °C Operating temperature (static) -30 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (drag chain) 60 °C Flame resistance UL 1581 § 1090, CSA FT2, IEC 60332-2-2 Oil resistance UL 1581 § 1090, CSA FT2, IEC 60332-2-2 Oil resistance UL 1581 § 1090, CSA FT2, IEC 60332-2-2 Oil resistance UL 1581 § 1090, CSA FT2, IEC 60332-2-2 Oil resistance good Other resistance Vul foldameter Bending radius (fixed) 5 × Outer diameter Bending radius (fixed)			
Max. rated voltage (conductor - conductor) 300 V 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 Current load capacity min. wire 4 A Querating temperature (static) -30 °C Max. operating temperature (static) -50 °C Operating temperature (static) -5 °C Operating temperature (static) -5 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (drag chain) -60 °C Flame resistance UL 1581 § 1090, CSA FT2, IEC 60332-2-2 Oil resistance IEC 60811-404 Chemical resistance IEC 60811-404 Chemical resistance S Outer diameter Bending radius (fixed) 5 ~C Outer diameter Bending radius (fixed) 5 ~C Outer diameter Bending radius (fixed) 5 ~C C Traversing distance (C-track)			
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 2) 12 A Min. operating temperature (static) -30 °C Max. operating temperature (tixed) 80 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Operating temperature max. (drag chain) 60 °C Flame resistance UL 1581 § 1090, CSA FT2, IEC 6032-2-2 Oil resistance IEC 60811-404 Cher resistance good Other sistance resistant to hydrolysis, resistant to microbes, good resistance to gasoline Bending radius (fixed) 5 × Outer diameter Bending radius (fixed) 5 m @ 25 °C Traversing distance (C-track) 5 m @ 25 °C Traversing distance (C-track) 10 m /s @ 25 °C			
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