

## M12 male 0° A-cod. with cable

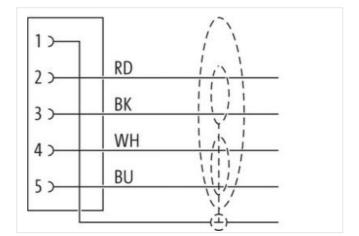
PUR AWG24+22 shielded vt UL/CSA+drag ch. 20m

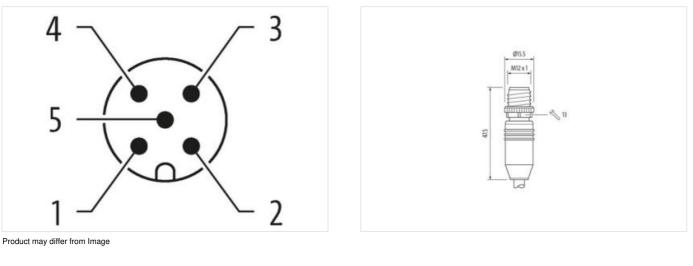
DeviceNet, CANopen Male straight M12, 5-pole Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product











Cable length	20 m	
Side 1		
Tightening torque	0,6 Nm	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-25



Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Commercial data	
ECLASS-6.0	27061801
ECLASS-7.0	27061801
ECLASS-8.0	27061801
ECLASS-9.0	27061801
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879200837
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation   Connection	
Stripping length (jacket)	20 mm
Mounting set	M12 x 1
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data	
Contour for corrugated hose	without
Mechanical data   Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data   Mounting data	· · · · · · · · · · · · · · · · · · ·
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12)

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## Installation | Cable

Jacket Color   violet     UPue   CURus     Annoul standing   1     Stranding   2 Wirds Wolded     Stranding (type 2)   1     Stranding (type 2)   2 Stranded joints Wolded     Cable ableding (type)   copper braid, timed     Daria Wire (torse-section)   22 AWG     Wire arrangement   (white, blue), (black, red)     No. of braing cycles (C-track)   1 Mo.     Cable weight   63.12 g/m     Material jacket   PUR     Foreadom from ingredients (jacker)   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free     Cubre diameter (seaker)   6.9 mm     Tolerance outer dameter (seaker)   5.9 mm     Tolerance outer dameter (seaker)   5.9 mm     Tolerance outer dameter (seaker)   5.9 mm     Dure dameter tolerandouter dameter (seaker)   <	Installation   Cable	
Type of Cartificate   cURus     Annount stranding   1     Annount stranding (type 2)   1     Stranding (type 2)   2 Stranded joints twisted     Cable shielding (type)   coppor Ixxxd, Inned     Cable shielding (type)   65 %     Banding   Foil     Data wire (cross-section)   22 AWQ     wire arrangement   White, Uuskd, Indek, red)     No. of barding cycles (C-tack)   1 Mon.     Cacle wirding cycles (C-tack)   1 So fore A     Foredom Iron improdents (ack+1)   16 S fore A     Foredom Iron improdents (ack+1)   1 S 5     Shore hardness wire insulation   1 S 5     Cacler diameter insulation   2 S fore D     Norder diameter insulation   1 S 5 %     Cardia diameter insulation   1 S 5 %     Damoet or aling wires   2 A WAG     Ca	Cable identification	803
Anount stranding   1     Stranding (type 2)   2 wires twisted     Stranding (type 2)   2 Stranding (type 2)     Stranding (type 2)   2 Stranding (type 2)     Cable straiding (type 2)   2 Stranding (type 2)     Cable straiding (type 2)   65 %     Banding   Cooper training, find     Cable straiding (type 2)   2 XWG     Cable straiding (type 2)   1 Mio.	Jacket Color	violet
Standing   2 wires twated     Amount standing (type 2)   1     Cable shelding (type)   copper tradit bined     Cable shelding (type)   copper tradit, tinned     Cable shelding (type)   25 Xanded bints twisted     Cable shelding (type)   25 Xanded bints twisted     Cable shelding (coverage)   65 %     Banding (coverage)   65 %     Cable shelding (type)   25 Xand     Weitr arrangement   (White, bube, (black, red)     No. of bending cycles (C-track)   1 Mio.     Cable weigh   63 15 g/m     Material jackot   PUR     Dara-dameser (placks)   69 mm     Toreance outer dameser (sheath)   5 %     Material wrive insulation   2 1     Outer dameser tristiation   2 1 Store D     Cardinater or insulation   4 5 %     Shore hardness wrive insulation   64 1 5 Store D     Cardinater or insulation   64 2 5 Store D     Cardinater or insulation   24 WO     Corduct or orsessetion (wrie)   24 AWG     Cardinater or wine insulation   25 %     Toranco ouc	Type of Certificate	cURus
Anount stranding (type 2)   1     Stranding (type 2)   2 Stranded (pints twisted)     Stranding (type 2)   0 poppr braid, finned     Cable shielding (type)   0 poppr braid, finned     Stranding (type)   5 %.     Barding   Foll     Drain wire (torse-section)   22 AWG     Schle weigh   63.12 g/m     Material jacket   FUR     Stranding sycket (C-track)   1 Mo.     Shore harding sycket (C-track)   160.1     Material jacket   FUR     Shore harding sycket (C-track)   160.1     Shore harding sycket (L-track)   160.1     Shore harding sycket (L-track)   160.1     Shore harding sycket (L-track)   160.1     Shore hardines sycket (L-track)   160.1     Outer diamiset (strack)   160.1     Outer diamiset (strack)   160.1     Shore hardines wire insulation   15 %     Outer diamiset (strack)   21.1 mm     Outer diamiset (strack)   24.1 MG     Outer diamiset (strack)   24.4 MG     Dimenter o single wires   24.4 MG	Amount stranding	1
Stranding (type 2)   2 Stranded joints twisted     Cable shelding (type)   copper bried, timed     Gable shelding (type)   55 %     Banding   Foll     Drin wire (orse-section)   22 AWG     wite arrangement   (white, blue), (black, red)     No. of bending cycles (C-track)   11 Mo.     Gable wolgh   63.12 g/m     Material jacket   PUR     Shore hardmoss jacket   90.3 Shore hardmoss jacket     Finedom from ingredients (jacker)   6.9 mm     Tolerance outer dimeter (sheath)   5.5 %     Material jacket   9.2     Outer diameter insulation   2.1 mm     Outer diameter insulation   2.1 mm     Outer diameter insulation   2.5 Shore D     Ingredient freeness wire insulation   6.4 5 Shore D     Ingredient freenes	Stranding	2 wires twisted
Cable shielding (coverage)   coper braid, finned     Cable shielding (coverage)   65 %.     Banding   Foll     Drain wire (cross-section)   22 AWG     Waier arrangement   (white, blue), (black, rod)     No. of bending cycles (C-track)   1 Mio.     Cable wolgh   63.12 g/m     Mataral jackel   PUR     Shore hardness jackel   90 ± 5 Shore A     Freeden from ingrodients (jackul)   6.3 m     Oder diameter (jackul)   6.3 m     Older diameter (jackul)   5.9 m     Maranal wold insel (jackul)   6.4 m     Older diameter (inclava)   2.1 m     Older diameter (inclava)   6.4 ± 5 Shore D     Maranal wire insulation   6.4 ± 5 Shore D     Marana wire insulation   6.4 ± 5 Shore D     Marana wire insulation   6.4 ± 5 Shore D     Marana wire insulation   6.4 ± 5 Shore D	Amount stranding (type 2)	1
Cable shedding (coverage)   65 %     Banding   Foil     Drain wite (cross-section)   22 AWG     wite arrangement   (white, blue), (black, red)     No. of bending cycles (C track)   1 Mo     Cable weigth   63,12 g/m     Material jacket   PUR     Shore hardness jacket   90 : 5 Shore A     Freedom from ingredients (jacket)   lead-tree, cadmium-free, CFC-tree, halogen-free, silicone-free     Outer diameter (jacket)   6.9 mm     Tolenance outer diameter (sheath)   1 : 5 %     Material wire insulation   PE     Amount wires   2     Outer diameter tolerance core insulation   5 %     Shore hardness wire insulation   64 : 5 Shore D     Ingredient foreances, wire insulation   64 : 5 Shore D     Ingredient foreances, wire insulation   64 : 5 Shore D     Ingredient foreances, wire insulation   64 : 5 Shore D     Diameter of single wires   24 AWG     Conductor crossection (weig)   24 AWG     Conductor crossection (weig)   24 AWG     Conductor wire insulation (Data)   1.5 mm     Totarwise	Stranding (type 2)	2 Stranded joints twisted
Banding   Foll     Drain wire (cross-section)   22 AWG     wire arrangement   (while, blue), (black, red)     No. of bending cycles (C-track)   1 Mo.     Cable weight   63,12 g/m     Material jackot   PUR     Shore hardness jacket   90.4.5 Shore A     Freedom from ingredients (jacket)   6,3 mm     Tolerance outer diameter (isockit)   6,3 mm     Tolerance outer diameter (isockit)   1.5 %     Material wire insulation   PE     Annount wires   2     Outer diameter discustion   1.5 %     Shore hardness wire insulation   4.4 5 %     Uper diameter broken wire insulation   4.4 5 %     Darant wire (cross-section)   2.4 AWG     Conductor crosses wire insulation   4.4 4 SG     Conductor crosses colin (wire)   2.4 AWG     Drain wire (cross-section)   2.2 AWG     Conductor crosses colin (wire)   Data     Torsanco cuter diameter wire insulation (Data)   1.5 mm     Toleranco cuter diameter wire insulation (Data)   1.5 mm     Outer diameter wire insulation (Data)   1.9	Cable shielding (type)	copper braid, tinned
Drain wire (cross section)   22 AWG     wire arrangement   (white, blue), (black, reof)     No. o hending cycles (C-track)   1 Mo.     Cable weight   63,12 g/m     Material jacket   PUR     Shore hardness jacket   91 5 Shore A     Shore hardness jacket   91 5 Shore A     Direarna cuird fainater (tacket)   Isad-tree, cadmium-tree, CFC-tree, halogen-tree, allicone-free     Outer diameter (tacket)   6,9 mm     Tolerance cuird fainater (tacket)   1 5 %     Material wire insulation   PE     Amount wires   2     Outer diameter tolerance core insulation   1 5 %     Shore hardness wire insulation   64 + 5 Shore D     Ingredent freeness wire insulation   164 - 5 Shore D     Ingredent freeness wire insulation   164 - 5 Shore D     Conductor crosssection (wire)   24 AWG     Conductor crosssection (wire)   24 AWG     Conductor weinsulation   22 AWG     Conductor wire cooper stranded wire, finned   1     Material wire insulation (Data)   1.5 mn     Tolerance outer diameter wire insulation (Data)   15 m	Cable shielding (coverage)	65 %
wire arrangement   (white, blue), (black, red)     No. of bending cycles (C-track)   1 Mo.     Cable weight   63,12 g m     Material parches jacket   90 ± S Shore A     Freedom Trom ingredients (jacket)   69,1 s Shore A     Freedom Trom ingredients (jacket)   6,9 mm     Tolerance outer diameter (jacket)   6,9 mm     Outer diameter (jacket)   6,9 mm     Outer diameter insulation   PE     Amount wikes   2     Outer diameter insulation   2 f mm     Outer diameter insulation   4 f 5 %     Shore hardness wire insulation   6 f 4 5 %     Outer diameter tolerance core insulation   1 f m     Outer diameter swire insulation   1 f Mo     Shore hardness wire insulation   6 f 4 5 %     Shore hardness wire insulation   1 f Mo     Outer diameter vier insulation   1 f Mo     Diameter of aingle wires   2	Banding	Foil
No. of bending cycles (C-track)   1 Mio.     Cable weigh   63.12 g/m     Material acket   PUR     Shore hardness jacket   90 ± 5 Shore A     Core dameter (sheath)   1 ead-free, cadmium-free, CFC-tree, halogen-free, silicone-free     Outer diameter (gleash)   ± 5 %     Material acket   9 #     Outer diameter (gleash)   ± 5 %     Material acket   9 #     Outer diameter insulation   FE     Amount wires   2     Outer diameter insulation   ± 5 %     Shore hardness wire insulation   ± 5 %     Shore hardness wire insulation   ± 4 ± S Shore D     Ingredient teeness wire insulation   lead-free, CFC-free, halogen-free     Amount strends (wire)   19     Dameter of single wires   24 AWG     Conductor wire   copper stranded wire, finned     Data weight from weight we	Drain wire (cross-section)	22 AWG
Cable weigh   63,12 g/m     Material jacket   PUR     Shore hardness jackel   99 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, OFC-free, halogen-free     Outer diameter (jacket)   6.9 mm     Tolerance outer diameter (steath)   ± 5 %     Matorial wire insulation   PE     Arnourt wires   2     Outer diameter insulation   2.1 mm     Outer diameter insulation   4.5 %     Shore hardness wire insulation   6.4 ± 5 Shore D     Ingredient freeness wire insulation   16.4 free, CFO-free, halogen-free     Annount wires   24 AWG     Conductor crosssection (wire)   24 AWG     Conductor crosssection (wire)   24 AWG     Conductor crosssection (wire)   24 AWG     Outer diameter wire insulation (Data)   PE     Outer diameter wire insulation (Data)   PE     Outer diameter wire insulation (Data)   1.5 mm     Tolerance outer wire insulation (Data)   1.6 sm     Tolerance outer wire insulation (Data)   1.9     Duard erd on wire (Data)   22 AWG     Correct had capacl	wire arrangement	(white, blue), (black, red)
Material Jacket   PUR     Shore hardness jacket   90 ± 5 Shore A     Freedom Trom Ingredients (jacket)   Iead-tree, cadmium-free, CFC-free, halogen-free, silicone-free     Outer diameter (jackat)   6,9 mm     Tolerance outer diameter (isheath)   ± 5 %     Material wire insulation   PE     Amount wires   2     Outer diameter insulation   2.1 mm     Outer diameter insulation   64 ± 5 Shore D     Ingredient freeness wire insulation   16.9 %     Material wire insulation   16.9 %     Tomont strands (wire)   19     Diameter of single wires   24 AWG     Conductor crosssection (wire)   24 AWG     Conductor wire   copper stranded wire, linned     Electrical function wire   Data     Material wire insulation (bata)   15 mm     Tolerance outer diameter wire insulation (bata)   15 3 %     Ingredient freeness wire insulation (bata)   16 3 %     Ingredient freeness wire insulation (bata)   16 3 %     Ingredient freeness wire insulation (bata)   15 sm     Tolarance outer diameter wire insulation (bata)   16 3 %	No. of bending cycles (C-track)	1 Mio.
Material jacket   PUR     Shore hardness jacket   90 ± 5 Shore A     Freedom Trom Ingredients (jacket)   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free     Outer diameter (jacket)   6.9 mm     Tolerance outer diameter (jacket)   1.5 %     Material wire insulation   PE     Amount wires   2     Outer diameter insulation   2.1 mm     Outer diameter insulation   6.4 ± 5 Shore D     Ingredient freeness wire insulation   6.4 ± 5 Shore D     Ingredient freeness wire insulation   lead-free, CFC-free, halogen-free     Amount strand (wire)   19     Diameter of single wires   24 AWG     Conductor crossection (wire)   24 AWG     Conductor wire   copper stranded wire, linned     Elactrical function wire   Data     Material vire insulation (Data)   1.5 mm     Tolerance outer diameter wire insulation (Data)   1.5 s%     Material vire insulation (Data)   1.5 Sm     Tolerance outer diameter wire insulation (Data)   2.5 %     Diameter of single wires   2.2 AWG     Conductor crossection wire (Data)   2.2 AWG	Cable weigth	63,12 g/m
Shore hardness jackel   90 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, halogen-free     Outer diameter (jacket)   ± 5 %     Material wire insulation   PE     Anount wires   2     Outer diameter one insulation   ± 5 %     Shore hardness wire insulation   5 %     Outer diameter tolerance core insulation   4 ± 5 Nore D     Ingredient freeness wire insulation   Iead-free, cAdopen-free     Anount wires   24 AWG     Conductor crossection (wire)   24 AWG     Conductor crossection (wire)   22 AWG     Conductor crossection (wire)   22 AWG     Conductor crossection (wire)   22 AWG     Conductor crossection (wire)   24 AWG     Conductor crossection (wire)   22 AWG     Conductor crossection (wire)   Data     Material wire insulation (Data)   1,5 mn     Tolerance outer diameter wire insulation (Data)   1,5 min     Tolerance outer diameter wire insulation (Data)   1,9     Diameter of single wires (Data)   19     Diameter of single wires (Data)   22 AWG    <	Material jacket	
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6.9 mmTolerance uter diameter (sheath)1.5 %Material wire insulationPEAmount wires2Outer diameter insulation6.4 ± 5 Shore DUnder diameter insulation6.4 ± 5 Shore DIngredient freeness wire insulation6.4 ± 5 Shore DIngredient freeness wire insulation6.4 ± 5 Shore DDiameter or single wires2.4 AWGConductor crosssection (wire)1.9Diameter or single wires2.4 AWGConductor virescopper stranded wire, tinnedConductor wirecopper stranded wire, tinnedConductor wirecopper stranded wire, tinnedConductor wireDataConductor wirecopper stranded wire, tinnedColler diameter wire insulation (Data)1.5 mmTolerance outer diameter wire insulation (Data)1.5 mmTolerance outer diameter wire insulation (Data)1.9Diameter of single wires2.4 AWGConductor wirecopper stranded wire, tinnedElectrical function wireDataConductor wire insulation (Data)1.5 mmTolerance outer diameter wire insulation (Data)1.5 mmTolerance outer diameter wire insulation (Data)2.2 AWGConductor wire (Data)Copper stranded wire, t	-	90 ± 5 Shore A
Outer-diameter (jacket)6,9 mmTolerance outer diameter (jacket) $\pm$ 5 %Material wire insulationPEAmount wires2Outer diameter insulation $\pm$ 1 mmOuter diameter insulation $\pm$ 5 %Shore hardness wire insulation $\pm$ 5 %Shore hardness wire insulation $\pm$ 5 %Diameter diameter insulation $\pm$ 5 %Shore hardness wire insulation $\pm$ 4 % GConduct or crosssection (wire)24 AWGConductor crosssection (wire)24 AWGDrain wire (cross-section)22 AWGMaterial invitor wireCopper stranded wire, tinnedElectrical function wireDataUter diameter wire insulation (Data)1.5 mmTolerance outer diameter wire insulation (data) $\pm$ 53 %Tolerance outer diameter wire insulation (Data)1.5 mmTolerance outer diameter wire insulation (Data)1.2 MGDiameter of single wires (Data)1.2 MGConductor crosssection wire (Data)2 AWGConductor wires (Data)2 AWGConductor wire (Data)5 A <t< td=""><td></td><td></td></t<>		
Tolerance outer diameter (sheath) $\pm$ 5 %Material wire insulationPEAnount wires2Outer diameter insulation $\pm$ 1 mmOuter diameter insulation $\pm$ 5 %Shore hardness wire insulation $\pm$ 5 %Shore hardness wire insulation $\pm$ 5 %Shore hardness wire insulation $\pm$ 5 %Impredient (resense wire insulation) $\pm$ 5 %Diameter of single wires $\pm$ 4 kWGConductor crossesection (wire)24 kWGConductor crossesection (wire)24 kWGDrain wire (cross-section)22 kWGConductor wirecopper stranded wire, tinnedElectrical function wirecopper stranded wire, tinnedElectrical function wireDataOuter diameter wire insulation (Data)1.5 mmTolerance outer diameter wire insulation (Data)1.5 mmTolerance outer diameter wire insulation (Data)1.5 mmTolerance outer diameter wire insulation (Data)2AWGConductor crossection wireConductor crossection wire (Data)2Conductor crossection wire (Data)2AWGConductor crossection wire (Data)Impredient (renees wire insulation (Data)19Diameter of single wires (Data)2Conductor crossection wire (Data)2AWGConductor crossection wire (Data)Conductor crossection wire (Data)22 AWGConductor crossection wire (Data)22 AWGConductor crossection wire (Data)22 AWGConductor crossection wire (Data)5		
Material wire insulationPEAmount wires2Outer diameter insulation2,1 mmOuter diameter lolerance core insulation $\pm$ 5 %Shore hardness wire insulation $64 \pm$ 5 Shore DIngredient freeness wire insulationIead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires24 AWGConductor crosssection (wire)24 AWGOraductor crosssection (wire)24 AWGDrain wire (cross-section)22 AWGMaterial softwareopper stranded wire, tinnedElectrical function wireopper stranded wire, tinnedDiatare of single wires insulation (Data)1.5 mmTolerance outer diameter wire insulation (Data)1.5 mmTolerance outer diameter wire insulation (Data)2.5 %Ingredient freeness wire insulation (Data)1.9Diameter of single wires (Data)2.4 AWGConductor crosssection wire (Data)2.5 %Ingredient freeness wire insulation (Data)1.5 mmTolerance outer diameter wire insulation (Data)1.5 mmDiameter of single wires (Data)2.4 AWGConductor crosssection wire (Data)2.2 AWGConductor vires (Data)2.2 AWGConductor wire (Data)2.2 AWGConductor wire (Data)2.2 AWGConductor wire (Data)2.2 AWGConductor wire (Data)5 mCurrent load capacity (standard)to DIN VDE 0286-4Current load capacity min. wire4.5 ACurrent load capacity min. wire4.5 A <td< td=""><td></td><td>·</td></td<>		·
Amount wires2Outer diameter insulation2.1 mmOuter diameter tolerance core insulation $\pm$ 5 %Shore hardness wire insulation $\pm$ 5 %Shore hardness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires24 AWGConductor crossection (wire)24 AWGDrain wire (cross-section)22 AWGMaterial conductor wireopper stranded wire, tinnedElectrical function wireDataOuter diameter wire insulation (Data)PEOuter diameter wire insulation (Data)1,5 mmTolerance outer diameter wire insulation (Data)1,6 mmTolerance outer diameter wire insulation (Data)19Diameter of Langle wires (Data)2Amount strands wire (Data)19Diameter of Langle wires (Data)2Amount strands wire (Data)2Amount strands wire (Data)19Diameter of single wires (Data)2Amount strands wire (Data)2Conductor crossection wire (Data)2Conductor crossection wire (Data)22 AWGConductor wires (Data)22 AWGConductor wires (Data)22 AWGConductor wire (Data)5 mCurrent Lad capacity (standard)to DIN VDE 0298-4Current Lad capacity (standard)to DIN VDE 0298-4 <t< td=""><td>Material wire insulation</td><td></td></t<>	Material wire insulation	
Outer diameter insulation2,1 mmOuter diameter insulation $\pm$ 5 %Shore hardness wire insulation $\pm$ 5 %Shore hardness wire insulation $\pm$ 64 $\pm$ 5 Shore DIngredient freeness wire insulation $\pm$ 64 $\pm$ 5 Shore DDiameter of single wires24 AWGConductor crossection (wire)24 AWGDrain wire (cross-section)22 AWGData terial conductor wirecopper stranded wire, tinnedElectrical function wireDataOuter diameter wire insulation (Data)PEOuter diameter wire insulation (Data)1.5 mmTolerance outer diameter wire insulation (Data)1.6 mmTolerance outer diameter wire insulation (Data)1.9 mmDiameter of single wires (Data)22 AWGConductor wire (Data)1.9 mmTolerance outer diameter wire insulation (Data)1.9 mmTolerance outer diameter wire insulation (Data)1.9 mmDiameter of single wires (Data)22 AWGConductor crossection wire (Data)22 AWGConductor wire (Data)20 wereCurrent load capacity min. Wire (Data)5 mCurrent load capacity min. Wire (Data)5 ACurrent load capacity min. Wire (Data)6	Amount wires	
Outer diameter tolerance core insulation $\pm$ 5 %Shore hardness wire insulation64 $\pm$ 5 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diametor of single wires24 AWGConductor crosssection (wire)24 AWGDrain wire (cross-section)22 AWGMaterial conductor wirecopper stranded wire, tinnedElectrical function wireDataDefan wire insulation (Data)PEOuter diameter wire insulation (Data)1,5 mnTolerance outer diameter wire insulation (data) $\pm$ 53 %Ingredient freeness wire insulation (Data)19Diametor of single wires (Data)2Amount wires (Data)2Amount wires (Data)1,5 mnTolerance outer diameter wire insulation (data) $\pm$ 53 %Ingredient freeness wire insulation (Data)19Diametor of single wires (Data)2Amount wires (Data)2Amount wires (Data)22 AWGConductor rorssection wire (Data)22 AWGConductor wire (Data)copper stranded wire, tinnedElectrical function wire (Data)copper stranded wire, tinnedCurrent load capacity min. wire4,5 ACurrent load capacity min. Wire (Data)PowerCharacteristle impedance120 $\Omega \pm$ 10 % @ 1 MHzElectrical runction wire (data)Power <td></td> <td></td>		
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	ביכניוס טמאמטונמווטה (אטואהו)	יוארוק סססד

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-25



AC withstand voltage power (wire - shield)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	6 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 30 °/m

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