

## M12 male 0° / M12 male 0° D-cod. shielded

TPE 22AWG SF/UTP CAT5e gn UL/CSA. ITC/PLTC 1m

USA

**Ethernet CAT5** 

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

Male straight - male straight

M12 - M12, 4-pole

D-coded

shielded

without cable sleeves

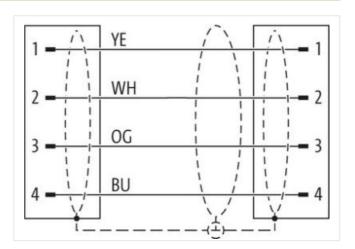
Further cable lengths on request.

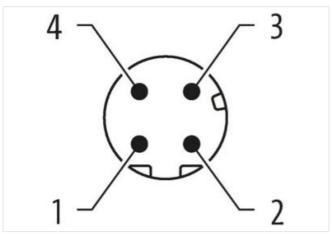
Plastic housings with good resistance against chemicals and oils.

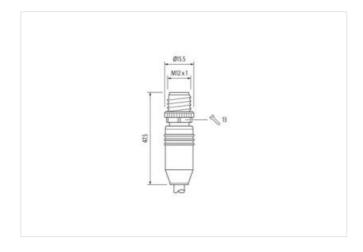
## **Link to Product**

## Illustration









Product may differ from Image











stay connected

Cable length	1 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	D
No. of poles	4
Width across flats	SW13
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	D
No. of poles	4
Width across flats	SW13
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	EC002599
customs tariff number	85444290
Packaging unit	4048879605960
	'
Electrical data   Supply	
Operating voltage DC max.	60 V
Current operating per contact (UL)	1,5 A
Current operating per contact max.	1,5 A
Industrial communication	
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	100 MBit/s
Industrial communication   Ethernet fur	nctionality
duplex	Full duplex
Diagnostics	
Status indication LED	no
Installation   Connection	
Gender	male
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP66K
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Mechanical 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: 2024-05-03



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Descript Jooking Nickeled  Date Nousing back  Attenders Invasing PUR  Mechanical data   Mounting data  Mechanical data   Mounting data  Depending properature rinus.  25°C  Depending properature rinus.  25°C  Depending properature rinus.  35°C  Depending temperature rinus.  35°C  De	Contour for corrugated hose	without
Delor housing   Delor housing   PUR	Mechanical data   Material data	
Description	Coating locking	Nickeled
Medical busing PIR  Zinc die casting  Mechanical data I Mounting data I Mounting data I Mounting data I Mounting method Inserted, screwed, Shaking protection  Environmental characteristics   Climatio  Devarting temperature min. 25 °C  Doverating temperature may. 85 °C  Softiscal condition temperature may. 45 °C  Middiscal condition temperature may. 45 °C  Mortinal co		
Mechanical data   Mounting d		
Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic Departating temperature min.		
Inserted, screwed, Shaking protection  Environmental characteristics   Climatic Deparating temperature min.  25 °C Deparating temperature max.  85 °C  Additional condition temperature may.  45 °C Deparating temperature max.  85 °C  Additional condition temperature range  40 depending on cable quality  Important installation notes  40 on strain releif  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible blending radii when litying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard  DIN EN 61076-2-101 (M12)  Installation (Cable  Cable Identification  S7V  Sacket Color  green  Yes of Certificate  CURUs  Amount stranding  2 viers twisted  Amount stranding (type 2)  1 stranding (type 2)  2 streated plints twisted  Albert aligning (type 2)  2 streated plints twisted  2 able shelding (coverage)  75 %  Sacketing (type)  William (type)  Cable takeling (coverage)  75 %  Sacketing (type)  Verification  Ve		
Environmental characteristics   Climatic Departing temperature min. 25 °C Departing temperature max. 85 °C  Iddottonal condition temperature range depending on cable quality Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usuage of cable sies.  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usuage of cable sies.  Note on bending radius  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 81078-2-101 (M12)  Installation   Cable  Cable Identification   S7V  Cable Identification   S7V  Cable Identification   S7V  Carlificate UPRus  Amount stranding (type 2)  Installation   Cable   20  Carlificate   20  Carl		inserted screwed Shaking protection
Departating temperature min. 25 °C Departating temperature max. 85 °C Additional condition temperature max. 85 °C Moditional condition temperature max. 85 °C Moditional condition temperature range depending on cable quality Important institution notes Note on strain rotiel Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Aftention: Coserver the permissible bending radii when taying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity Product standard DIN EN 61076 2-101 (M12) Installation (Dabe Cable identification S7V Spee of Certificate CURus Amount stranding 2 Spreading 2 wires twisted Amount stranding (type 2) 1 Stranding (type 2) 2 Stranding (type 2) 2 Stranding (type 2) 2 Stranding (type 2) 3 Stranding (type 2) 3 Stranding (type 2) 4 Stranding (type 2) 5 Stranding (type 2) 5 Stranding (type 2) 6 Sable shielding (type) 6 Sable shielding (type) 75 % Sanding Foll Weiter arrangement Wirthis, blue), (orange, yellow) Cable weight 74.8 g/m Afterial jacket TPE Treadom from ingredients (jacket) 194 Men. Afterial jacket TPE Treadom from ingredients (jacket) 194 Men. Afterial jacket 194 Men. A		
Departure max.   85 °C	· ·	
Important installation notes  Vote on strain relief Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Sable identification   S7V  Sable dentification   S7V  Sable dentification   Cable   Culture   Cultur		
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lites.  Attention: Observe the permissible bending radii when laying cables, as the I/P protection class can be endangered by excessive bending forces.  Conformity  Product slandard DIN EN 61076-2-101 (M12)  Installation   Cable    Zable identification   S7V    Sacket Color green    Young of Certificate   Culfus    Amount stranding   2    Stranding   2    Verificate   2    Verificate   2    Verificate   2    Verificate   3    Verificate   3    Verificate   3    Verificate   3    Verificate   4    Verification   4    Veri		
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DINE N61076-2-101 (M12)  Installation   Cable    Table identification   S7V    Table identification   Cable    Table shielding (type)   Caple   Cable shielding (type 2)   1  Table shielding (type 2)   2 Strandad joints twisted    Table shielding (type)   Capper braid, finned    Table shielding (coverage)   75 %    Table shielding (coverage)   74.8 g/m    Attendarial picket   TPE    Tendom from ingredients (jacket)   Lead-free, CPC-free, halogen-free    Touter-diameter (jacket)   5 %    Attendarial vire insulation   HDPE    Amount strands (vire)   19  Duter diameter tolerance core insulation   1.47 mm    Duter diameter tolerance core insulation   1.47 mm    Duter diameter tolerance core insulation   Lead-free, CPC-free, halogen-free    Touter diameter tolerance core insulation   Lead-free, CPC-free, halogen-free    The control of the core insulation   Lead-free, CPC-free, halogen-free    The control of the core insulation   Lead-free, CPC-free, halogen-free    The core of the core insulation   Lead-free, CPC-free, halogen-free    The core of the core insulation   Lead-free, CPC-free, halogen-free    The core of the core insulation   Lead-free, CPC-free, halogen-free    The core of the core insulation   Lead-free, CPC-free, halogen-free    The core of the core insulation   Lead-free, CPC-free, halogen-free    The core of the core insulation   Lead-free, CPC-free, halogen-free    The core of the core insulation   Lead-free, CPC-free, halogen-free    The core of the core insulation   Lead-free, CPC-free, halogen-free    The core of the core of the core of the core of	Additional condition temperature range	depending on cable quality
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Sabel identification S7V  Sabel identification S7V  Sabel identification General	Important installation notes	
endangered by excessive bending forces.  Conformity  Troduct standard  DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification  S7V  Cable identification  S7V  Cable identification  Cype of Certificate  CuBus  Amount stranding  2 wires twisted  Amount stranding (type 2)  1 Stranding (type 2)  2 Stranded joints twisted  Cable shielding (type)  Cooper braid, tinned  Cable shielding (type)  Cooper braid, tinned  Cable shielding (coverage)  75 %  Sanding  Foil  Wire arrangement  (white, blue), (orange, yellow)  Cable wight  As g m  Material jacket  TPE  Teadom from ingredients (jacket)  Touler-diameter (jacket)  Touler-diameter (jacket)  Touler-diameter (jacket)  Touler-diameter (jacket)  Touler-diameter (jacket)  L47 mm  Couter diameter insulation  1.47 mm  Couter diameter insulation  1.47 mm  Couter diameter tolerance core insulation  1.47 mm  Couter diameter insulation  1.47 mm  Couter diameter (wire)  Diameter of single wires  22 AWG  Conductor crosssection (wire)  22 AWG  Conductor crosssection (wire)  Conductor crosssection (wire)  Conductor wire  Cooper stranded wire, tinned  Conductor wire  Cooper stranded wire, tinned  Conductor wire  Cooper stranded wire, tinned  Coord, application-related testing  Cood, application-related testing  Cascoline resistance  Cood, application-related testing  Cascoline resistance  Cood, application-related testing  Cascoline resistance	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Installation   Cable	Note on bending radius	
Installation   Cable           Cable identification         \$7V           Lacket Color         green           Type of Certificate         cURus           Amount stranding         2           Stranding         2 wires twisted           Amount stranding (type 2)         1           Stranding (type 2)         2 Stranded joints twisted           Cable shielding (coverage)         75 %           Salanding         Foil           wire arrangement         (white, blue), (orange, yellow)           Zable shielding (soverage)         75 %           Malerial jacket         TFE           "readom from ingredients (jacket)         lack-free, CFC-free, halogen-free           Duter-diameter (jacket)         fa.7 mm           Folerance outer diameter (sheath)         ± 5 %           Material wire insulation         1,47 mm           Duter diameter insulation         ± 5 %           Amount strands (wire)         19           Diameter of single wires         2 AWG           Conductor crosssection (wire)         copper stranded wire, finned           Nominal voltage AC max.         600 V           Win. operating temperature (fixed)         80 °C           JV resistance         DIN EN ISO 4892-2 Ze   U. I. 1581 § 1100 F	Conformity	
Cable identification         STV           Jacket Color         green           Type of Certificate         cURus           Amount stranding         2           Stranding         2 wires twisted           Amount stranding (type 2)         1           Stranding (type 2)         2 Stranded joints twisted           Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         75 %           Banding         Foil           wive arrangement         (white, blue), (orange, yellow)           Cable weigth         74,8 g/m           Material jacket         TPE           Freedom from ingredients (jacket)         184,7 mm           Coluter diameter (jacket)         7,8 mm           Follerance outer diameter (jacket)         7,8 mm           Follerance outer diameter (jacket)         7,8 mm           Follerance outer diameter (jacket)         1,47 mm           Duter diameter insulation         1,47 mm           Duter diameter insulation         1,47 mm           Duter diameter folerance one insulation         1,5 %           Ingredient freeness wire insulation         1,47 mm           Duter diameter insulation         1,47 mm           Duter diameter insulation <t< td=""><td>Product standard</td><td>DIN EN 61076-2-101 (M12)</td></t<>	Product standard	DIN EN 61076-2-101 (M12)
Section   Green   Current   Curren	Installation   Cable	
Type of Certificate         CURus           Amount stranding         2           Stranding         2 wires twisted           Amount stranding (type 2)         1           Stranding (type 2)         2 Stranded joints twisted           2able shielding (type)         copper braid, tinned           2able shielding (coverage)         75 %           Bandring         Foil           wire arrangement         (white, blue), (orange, yellow)           2able weight         74,8 g/m           Material jacket         TPE           Feedom from ingredients (jacket)         lead-free, CFC-free, halogen-free           Duter-diameter (jacket)         7,87 mm           Follameter (jacket)         7,87 mm           Follameter wire insulation         HDPE           Auderial wire insulation         4           Duter diameter blearance core insulation         1,47 mm           Duter diameter blearance core insulation         2,5 %           Ingredient freeness wire insulation         1,47 mm           Duter diameter blearance core insulation         2,5 %           Simmeter of silve wires         22 AWG           Conductor crosssection (wire)         22 AWG           Waterial conductor wire         copper stranded wire, tinned <t< td=""><td>Cable identification</td><td>S7V</td></t<>	Cable identification	S7V
Amount stranding 2 wires twisted Amount stranding (type 2) 1 Stranding (type 2) 2 Stranded joints twisted Standing (type 2) 2 Stranded joints twisted Standing (type 2) 3 2 Stranded joints twisted Standing (type 2) 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Jacket Color	green
Stranding         2 wires twisted           Amount stranding (type 2)         1           Stranding (type 2)         2 Stranded joints twisted           Zable shielding (type)         copper braid, tinned           Zable shielding (coverage)         75 %           Banding         Foil           wire arrangement         (white, blue), (orange, yellow)           Zable weight         74,8 g/m           Material jacket         TPE           Freedom from ingredients (jacket)         lead-free, CFC-free, halogen-free           Duter-diameter (jacket)         7,87 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         HDPE           Amount wire insulation         1,47 mm           Duter diameter lolerance core insulation         ± 5 %           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Amount strands (wire)         19           Diameter of single wires         22 AWG           Conductor crosssection (wire)         22 AWG           Conductor wire         copper stranded wire, tinned           Nominal voltage AC max.         600 V           Min. operating temperature (fixed)         80 °C           JV resistance         DIN EN ISO 4892-2 L	Type of Certificate	cURus
Amount stranding (type 2) 1 Stranding (type 2) 2 Stranded joints twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 75 %  Banding Foil wire arrangement (white, blue), (orange, yellow) Cable weigth 74,8 g/m Material jacket TPE Treedom from ingredients (jacket) lead-free, CFC-free, halogen-free Duter-diameter (jacket) 7,87 mm Folerance outer diameter (sheath) ±5 % Material wire insulation HDPE  Amount wires 4  Quiter diameter insulation 1,47 mm Duter diameter insulation 1,47 mm Duter diameter rolerance core insulation 1ead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 22 AWG Conductor crosssection (wire) 22 AWG Material conductor wire copper stranded wire, tinned  Nominal voltage AC max. 600 V  Max. operating temperature (static) 40 °C  Max. operating temperature (static) 40 °C  Max. operating temperature (fixed) 80 °C  JV resistance EC 6004, application-related testing Gasoline resistance (Good, application-related testing Gasoline resistance (Good, application-related testing	Amount stranding	2
Stranding (type 2) 2 Stranded joints twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 75 % Sanding Foil White, blue), (orange, yellow) Cable weight 74,8 g/m Material jacket TPE Treedom from ingredients (jacket) lead-free, CFC-free, halogen-free Duter-diameter (jacket) 7,87 mm Foilerance outer diameter (sheath) ± 5 % Material wire insulation HDPE Material wire insulation 1,47 mm Duter diameter folerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Mnount wires 4 Duter diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Mnount strands (wire) 19 Diameter of single wires 22 AWG Conductor crosssection (wire) 22 AWG Material voltage AC max. 600 V Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C UV resistance Din R ISO 4892-2 A Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing	Stranding	2 wires twisted
Cable shielding (type) copper braid, tinned Cable shielding (coverage) 75 % Sanding Foil wrie arrangement (white, blue), (orange, yellow) Cable weight 74,8 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Couter-diameter (jacket) 7,87 mm Colerance outer diameter (sheath) ± 5 % Material wire insulation HDPE Amount wires 4 Couter diameter tolerance core insulation 1,47 mm Couter diameter tolerance core insulation 1,47 mm Couter diameter tolerance core insulation 1 bead-free, CFC-free, halogen-free Amount strands (wire) 19 Conductor crosssection (wire) 22 AWG Material worksection (wire) 22 AWG Material conductor wire copper stranded wire, tinned Nominal voltage AC max. 600 V Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C Line resistance Good, application-related testing Gasoline resistance Gasoline resistance Good, application-related testing	Amount stranding (type 2)	1
Cable shielding (coverage) 75 % Banding Foil Write arrangement (white, blue), (orange, yellow) Cable weigth 74,8 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,87 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation HDPE Amount wires 4 Outer diameter insulation 1,47 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Outer diameter of single wires 22 AWG Outer of single wires 22 AWG Material conductor wire copper stranded wire, tinned Max. operating temperature (static) 40 °C Max. operating temperature (static) 80 °C JN resistance DIN EN ISO 4892-2 A Filame resistance IEG 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090 Schemical resistance Good, application-related testing Gasoline resistance Good, application-related testing	Stranding (type 2)	2 Stranded joints twisted
Foil wire arrangement (white, blue), (orange, yellow)  Able weigth 74.8 g/m  Material jacket TPE  Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free  Duter-diameter (jacket) 7.87 mm  Folerance outer diameter (sheath) ±5 %  Material wire insulation HDPE  Amount wires 4  Duter diameter insulation 1,47 mm  Duter diameter tolerance core insulation ±5 %  amount strands (wire) 19  Diameter of single wires 22 AWG  Conductor crosssection (wire) 22 AWG  Material conductor wire copper stranded wire, tinned  Nominal voltage AC max. 600 V  Max. operating temperature (static) 40 °C  Max. operating temperature (fixed) 80 °C  JV resistance Good, application-related testing	Cable shielding (type)	copper braid, tinned
wire arrangement (white, blue), (orange, yellow)  Cable weigth 74,8 g/m  Material jacket TPE  Treedom from ingredients (jacket) lead-free, CFC-free, halogen-free  Duter-diameter (jacket) 7,87 mm  Folerance outer diameter (sheath) ± 5 %  Material wire insulation HDPE  Amount wires 4  Duter diameter insulation 1,47 mm  Duter diameter roberance core insulation 1,47 mm  Duter diameter roberance core insulation lead-free, CFC-free, halogen-free  Amount strands (wire) 19  Diameter of single wires 22 AWG  Conductor crosssection (wire) 22 AWG  Material conductor wire copper stranded wire, tinned  Nominal voltage AC max. 600 V  Min. operating temperature (static) 40 °C  Max. operating temperature (fixed) 80 °C  JV resistance DIN EN ISO 4892-2 A  Flame resistance Good, application-related testing  Gasoline resistance  Gasoline resistance  Gasoline resistance  Gasoline resistance  Good, application-related testing	Cable shielding (coverage)	75 %
Cable weigth 74,8 g/m  Material jacket TPE  Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free  Duter-diameter (jacket) 7,87 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation HDPE  Amount wires 4  Duter diameter insulation 1,47 mm  Duter diameter tolerance core insulation	Banding	Foil
Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free  Duter-diameter (jacket) 7,87 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation HDPE  Amount wires 4 Duter diameter insulation 1,47 mm  Duter diameter tolerance core insulation ± 5 %  Amount strands (wire) 19 Diameter of single wires 22 AWG  Conductor crosssection (wire) 22 AWG  Material voltage AC max. 600 V  Min. operating temperature (static) 40 °C  Max. operating temperature (fixed) 80 °C  JV resistance DIN EN ISO 4892-2 A  Flame resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Gasoline resistance (Scott, Account of the short of testing temperature (static) Good, application-related testing  Gasoline resistance (Good, application-related testing)	wire arrangement	(white, blue), (orange, yellow)
Freedom from ingredients (jacket)  Duter-diameter (jacket)  7,87 mm  Folerance outer diameter (sheath)  Amount wires  Amount wires  Amount strainds (mire)  Amount strainds (wire)  Diameter of single wires  22 AWG  Conductor crosssection (wire)  22 AWG  Material conductor wire  Copper stranded wire, tinned  Nominal voltage AC max.  Min. operating temperature (static)  Max. operating temperature (fixed)  Max. operating temperature (fixed)  Max. operating temperature (fixed)  DIN EN ISO 4892-2 A  Flame resistance  Good, application-related testing	Cable weigth	74,8 g/m
Duter-diameter (jacket) 7,87 mm  Folerance outer diameter (sheath) 4 Duter diameter insulation Amount wires 4 Duter diameter insulation 1,47 mm Duter diameter tolerance core insulation 1,47 mm Duter diameter tolerance core insulation 1,47 mm Duter diameter tolerance core insulation 1,47 mm Diameter of simple wires 19 Diameter of single wires 22 AWG Conductor crosssection (wire) 22 AWG Material conductor wire copper stranded wire, tinned Nominal voltage AC max. 600 V Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C JV resistance DIN EN ISO 4892-2 A Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing	Material jacket	TPE
Folerance outer diameter (sheath) ±5 %  Material wire insulation HDPE  Amount wires 4  Duter diameter insulation 1,47 mm  Duter diameter tolerance core insulation ±5 %  Ingredient freeness wire insulation lead-free, CFC-free, halogen-free  Amount strands (wire) 19  Diameter of single wires 22 AWG  Conductor crosssection (wire) 22 AWG  Material conductor wire copper stranded wire, tinned  Nominal voltage AC max. 600 V  Min. operating temperature (static) -40 °C  Max. operating temperature (fixed) 80 °C  JV resistance DIN EN ISO 4892-2 A  Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Schemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing	Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Material wire insulation  HDPE  Amount wires  4  Duter diameter insulation  1,47 mm  Duter diameter tolerance core insulation  ± 5 %  Ingredient freeness wire insulation  lead-free, CFC-free, halogen-free  Amount strands (wire)  19  Diameter of single wires  22 AWG  Conductor crosssection (wire)  22 AWG  Material conductor wire  copper stranded wire, tinned  Nominal voltage AC max.  600 V  Min. operating temperature (static)  -40 °C  Max. operating temperature (fixed)  80 °C  JV resistance  DIN EN ISO 4892-2 A  Flame resistance  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Shemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing	Outer-diameter (jacket)	7,87 mm
Amount wires  4  Duter diameter insulation  1,47 mm  Duter diameter tolerance core insulation  ± 5 %  Ingredient freeness wire insulation  Amount strands (wire)  19  Diameter of single wires  22 AWG  Conductor crosssection (wire)  22 AWG  Material conductor wire  copper stranded wire, tinned  Nominal voltage AC max.  600 V  Min. operating temperature (static)  40 °C  Max. operating temperature (fixed)  80 °C  DIN EN ISO 4892-2 A  Flame resistance  Flame resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing	Tolerance outer diameter (sheath)	± 5 %
Duter diameter insulation 1,47 mm  Duter diameter tolerance core insulation ± 5 %  Ingredient freeness wire insulation lead-free, CFC-free, halogen-free  Amount strands (wire) 19  Diameter of single wires 22 AWG  Conductor crosssection (wire) 22 AWG  Material conductor wire copper stranded wire, tinned  Nominal voltage AC max. 600 V  Min. operating temperature (static) -40 °C  Max. operating temperature (fixed) 80 °C  JV resistance DIN EN ISO 4892-2 A  Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing	Material wire insulation	HDPE
Duter diameter tolerance core insulation ± 5 %  Ingredient freeness wire insulation lead-free, CFC-free, halogen-free  Amount strands (wire) 19  Diameter of single wires 22 AWG  Conductor crosssection (wire) 22 AWG  Material conductor wire copper stranded wire, tinned  Nominal voltage AC max. 600 V  Min. operating temperature (static) -40 °C  Max. operating temperature (fixed) 80 °C  JV resistance DIN EN ISO 4892-2 A  Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing	Amount wires	4
Amount strands (wire)  Diameter of single wires  22 AWG  Conductor crosssection (wire)  22 AWG  Material conductor wire  Nominal voltage AC max.  600 V  Min. operating temperature (static)  Max. operating temperature (fixed)  DIN EN ISO 4892-2 A  Flame resistance  Good, application-related testing  Good, application-related testing  Good, application-related testing	Outer diameter insulation	1,47 mm
Amount strands (wire)  Diameter of single wires  22 AWG  Conductor crosssection (wire)  22 AWG  Material conductor wire  Copper stranded wire, tinned  Nominal voltage AC max.  600 V  Min. operating temperature (static)  40 °C  Max. operating temperature (fixed)  80 °C  UV resistance  DIN EN ISO 4892-2 A  Flame resistance  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing	Outer diameter tolerance core insulation	±5%
Diameter of single wires  22 AWG  Conductor crosssection (wire)  22 AWG  Material conductor wire  copper stranded wire, tinned  Nominal voltage AC max.  600 V  Min. operating temperature (static)  40 °C  Max. operating temperature (fixed)  80 °C  JV resistance  DIN EN ISO 4892-2 A  Flame resistance  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Conductor crosssection (wire)  Material conductor wire  copper stranded wire, tinned  Nominal voltage AC max.  600 V  Min. operating temperature (static)  Max. operating temperature (fixed)  DIN EN ISO 4892-2 A  Flame resistance  EC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Chemical resistance  Good, application-related testing  Good, application-related testing	Amount strands (wire)	19
Material conductor wire copper stranded wire, tinned  Nominal voltage AC max. 600 V  Min. operating temperature (static) -40 °C  Max. operating temperature (fixed) 80 °C  UV resistance DIN EN ISO 4892-2 A  Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing	Diameter of single wires	22 AWG
Nominal voltage AC max.  600 V  Vin. operating temperature (static)  40 °C  Vin. operating temperature (fixed)  80 °C  UV resistance  DIN EN ISO 4892-2 A  Flame resistance  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing	Conductor crosssection (wire)	22 AWG
Min. operating temperature (static)  Max. operating temperature (fixed)  B0 °C  JV resistance  DIN EN ISO 4892-2 A  Flame resistance  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing	Material conductor wire	
Max. operating temperature (fixed)  Bu C  UV resistance  DIN EN ISO 4892-2 A  Flame resistance  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Chemical resistance  Good, application-related testing  Good, application-related testing	Nominal voltage AC max.	
UV resistance DIN EN ISO 4892-2 A  Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing	Min. operating temperature (static)	
Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance Good, application-related testing  Good, application-related testing	Max. operating temperature (fixed)	80 °C
Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing	UV resistance	
Gasoline resistance Good, application-related testing	Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
	chemical resistance	Good, application-related testing
Dil resistance Good, application-related testing   DIN EN 60811-404	Gasoline resistance	Good, application-related testing
	Oil resistance	Good, application-related testing   DIN EN 60811-404

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: 2024-05-03



Bending radius (fixed)	8 x Outer diameter	
Travel speed (C-track)	35 Mio. @ 25 °C	
No. of torsion cycles	5 Mio. 25 °C	
Torsion stress	+ 180 °/m	