

2

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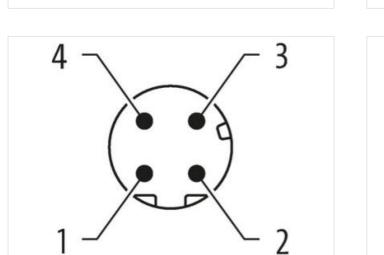
## M12 male 0° / M12 male 0° D-cod. shielded

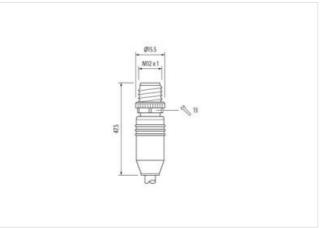
PUR 1x4xAWG26 shielded gn UL/CSA+drag ch. 0.2m

Ethernet CAT5e Transmission properties with channel transmission up to 50 m Male straight – male straight M12 – M12, 4-pole D-coded shielded 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







YE

WH

OG

BU

Product may differ from Image

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Ether CAT.

EtherNet/IP

PROFT	0
ΤΝΈΤΤ	

Cable length	0,2 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
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	D
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	
ECLASS-6.0	27061801
ECLASS-6.1	27060307
ECLASS-7.0	27060307
ECLASS-8.0	27060307
ECLASS-9.0	27060307
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879733700
Packaging unit	1
Electrical data   Supply	
Operating voltage DC max.	60 V
Current operating per contact max.	1,5 A
Industrial communication	
Transfer parameters	CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	100 MBit/s
Industrial communication   Ethernet fu	n stien a lite

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Desce protection (EN ICE 0525)     IPES, IPES (PB6K       Begres of protection (SPL ICE 0525)     IPES, IPES (PB6K       Polution protection dogre     narratol, served       Polution protection dogre     3       Bradie stage stopped (SE 0686-1)     I       Material group (EC 0686-1)     I       Material data     United Stage stopped (SE 0686-1)       Control for comparison protection data     Wited (SE 0686-1)       Control for comparison protection data     United (SE 0686-1)       Control for comparison data     Wited (SE 0686-1)       Control for comparison data     Material data       Control for comparison data     Bro discussion data       Control for comparison data     Bro discussion data       Material data     Material data       Control for comparison data     Control for comparison data data       Control for comparison data     Atteriation: Control for soluble measures from mechanical loads, o, g, by the usage of cable for comparison data data       Control for comparison data data     Materiation: Control for comparison data data       Control for comparison data data     Operating inspirature max.       Control for comparison data data     Materiatin comparison data data		
Begies of protection (EN EC 68529)IP66, IP67, IP68KAdditional condition protection degineeinserted, soewadAdditional condition protection degineeISRated surgo voltage15 NMateral arcogn (EC 6964+1)IMateral arcogn (EC 6964+1)INICMateral arcogn (EC 6964+1)NoteledConton to corunguted hoseWitholMateral arcogn (EC 6064+1)NoteledContage (EA 1000000000000000000000000000000000000	duplex	Full duplex
Additional condition protection degree     inserted, screwed       Pohlution Degree     3       Read surge voltage     1.5 kV       Material group (IEC 8068-1)     1       Machanical data     without       Contour for comgated hose     without       Machanical data     Too de-cataling       Coaling looking     Nickoled       Coaling looking     Conde-cataling       Machanical data [Mouring data     Too de-cataling       Machanical characteristics   Climati     Comparing singmature max       Operating interportature max     85 °C       Additional condition temperature range     depending on cable quality       Important Installation notes     enderding randu       Attention: Coalenee the parminatible bording radi when laying cables, as the IP protection class can be ending radiu       Attention: Coalenee the parminatible bording radii when laying cables, as the IP protection class can be ending radiu       Web anding radiu     Del Ne 1076-2-101 (M12)       Installation     Moule, orange, Due, yellow       Cable identification     791       Attention: Chabe     House       Standing     1       Torange ble, yellow	Device protection   Electrical	
Publicion Degree     3       Ratad surge voltage     1.5 kV       Material group (IEC 605641)     1       Mechanical data     Enclared proceed (IEC 605641)       Mechanical data     Enclared proceed (IEC 605641)       Mechanical data     Enclared proceed (IEC 605641)       Mechanical data     December 2012       Mechanical data     December 2012       Mechanical data     Munitory       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature max.       A5 °C     Operating temperature max.     45 °C       Additional contrion temperature argue     depending on cable deally       Mote on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lise.       Matterial row of the parentiacible bending row of the screwed bending tonces.     Contermity       Product standard     DIN EN 1076-2-101 (M12)     Contermity<	Degree of protection (EN IEC 60529)	IP65, IP67, IP66K
Baled supp voltage     1.5 kV       Material group (IEC 60664-1)     I       Mechanical data     Mechanical data       Contour for romugated hose     without       Mechanical data     Mechanical data       Contour for romugated hose     without       Mechanical data     Mechanical data       Control footing     Nickeled       Locking material     Zine die-casting       Mechanical data     Mechanical data       Mechanical data     Mechanical data       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition formperature range     deporting on cable quality       Important Installation notes     Protect the connectors by suitatile measures from mechanical hoads, e.g. by the usage of cable los.       Note on banding radius     Attentor: Observe the permissible bending radii: when laying cables, as the IP protection class can be ending radius       Metantization     Port       Metantization     Port       Material addia     DNE N8 1076-2-101 (M12)       Installation     Port       Cable distaling (coverage)     agen       Gale interfitis corange, blue, yel	Additional condition protection degree	inserted, screwed
Material group (EC 80664.1)     I       Mechanical data	Pollution Degree	3
Mechanical data     without       Contour for corrugated hose     without       Mechanical data [Material data     Contour for corrugated hose       Caling locking material     Zinc die-casting       Mechanical data [Mounting data     Contour for die casting       Mounting matherial     Zinc die-casting protocion       Environmental characteristics [Cimatiz     Contour for die contocions protocion       Environmental characteristics [Cimatiz     25 °C       Operating ingroprature man.     25 °C       Note on bending radius     Attendition concelors by suitable measures from mechanical loads, e.g. by the usage of cable fles.       Note on bending radius     Attendie: Concelors by suitable measures from mechanical loads, e.g. by the usage of cable fles.       Rotocintis     Attendie: Concelors by suitable measures from mechanical loads, e.g. by the usage of cable fles.       Rotocintis     Attendie: Concelors by suitable measures from mechanical loads, e.g. by the usage of cable fles.       Rotocin stranding	Rated surge voltage	1,5 kV
Contour lor corrugated hose     without       Mechanical datal     Modelad       Conding Locking     Modelad       Conding Locking     Zind Locking       Locking mathonal     Zind Locking       Deparating temperature min.     25 °C       Operating temperature min.     25 °C       Operating temperature max.     85 °C       Additional condition temperature range     deparding on cable quality       Important Installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable dees.       Contornity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable dees.       Poduct standard     DIN EN 61076 2-101 (M12)       Installation Code     UP Note of the Connectors by suitable measures from mechanical loads, e.g. by the usage of cable dees.       Contornity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable dees.       Coladiand     DIN EN 61076 2-101 (M12)       Installation Otable     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage from the winte soft dees.       Coladiand     DIN EN 61076 2-101 (M12)       Installation Otable     ProteContinton from the soft dees.	Material group (IEC 60664-1)	I
Mechanical Material data     Nickled       Locking nocking     Nickled       Locking material     Zinc die-casting       Mechanical data [Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics [Climati     Operating imperiature max.       Operating imperiature max.     85 °C       Additional condition temperature may.     depending on cable quality       Important Installation notes     Mounting and the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on starin artifiel     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Rote on starin artifiel     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Rote on starin artifiel     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Rote on starin artifiel     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Rote on starin artifiel     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Bable definition     Cable identified for the group of the stards of the stands       Gateris dands     Uter Stards of the stands       Stard Stands     Star	Mechanical data	
Cating looking     Nickeled       Locking material     Zine dis-casting       Mechanical data / Mounting data/     Incented, screwed, Shaking protoction       Muniting method     isserted, screwed, Shaking protoction       Environmental characteristics / Climatic     65 °C       Operating inserpature min.     -25 °C       Operating inserpature min.     -25 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on bending radius     Attention: Observe the permissible bending frait when laying cables, as the IP protection dass can be endangered by excessive bending torces.       Conformity     Product tamogenemt     while, orange, blue, yellow       Cable identification     791     Cable climation       Appending torus game     Six	Contour for corrugated hose	without
Locking material     Zinc die casting       Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protaction       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important Installation notes     S °C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable loss.       Note on bending radius     Attention: Cheere the permissible bending radi when laying cables, as the IP protection dass can be endengered by excessive bending forces.       Conformity     Frotact strand       Product strand     DIN EN 61076-2-101 (M12)       Installation (Cable     green       Vine die dentification     791       Stranding     4 wires star-shaped twisted       Cable identification     791       Stranding     4 wires star-shaped twisted       Cable diversition     95 %       Banding     Fiber tape, Fieece, Foil       Filter     yes       Weit arrangement     white, corange, blue, yellow <t< td=""><td>Mechanical data   Material data</td><td></td></t<>	Mechanical data   Material data	
Locking material     Zinc die-casting       Mechanical data   Mounting data       Mounting method     inserted, sorewed, Shaking protection       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature may.     85 °C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.       Contormity     endengrand by excessive banding forces.       Protect standard     DIN EN 61075-2-101 (M12)       Installation (Cable     wite arrangement       wite, orrange, blue, yellow     Cable identification       Cable identification     791       Appendic Corpor brief, immed     Cable constituent       Stranding     1       Stranding     4 wires star-shaped twisted       Cable identification     791       Appending for overage)     85 %       Banding     Fiber tape, Fieoze, Foil       Filter     yes       wrise arrangement	Coating locking	Nickeled
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics [ Climatic     25 °C       Operating temperature min.     25 °C       Additional condition temperature may     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.       Contomity     Environmental for the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.       Contomity     Environmental for the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.       Contomity     Environmental for the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.       Contomity     Environmental for the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.       Contomity     Environmental for the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.       Contomity     Environmental for the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.       Contomity     Environmental for the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.       Contomity     So	Locking material	Zinc die-casting
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics [ Climatic     25 °C       Operating temperature min.     25 °C       Additional condition temperature may     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.       Contomity     Environmental for the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.       Contomity     Environmental for the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.       Contomity     Environmental for the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.       Contomity     Environmental for the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.       Contomity     Environmental for the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.       Contomity     Environmental for the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.       Contomity     Environmental for the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.       Contomity     So	Mechanical data   Mounting data	
Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature maye     depending on cable quality       Important installation notes     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class the IP pr	Mounting method	inserted, screwed, Shaking protection
Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature maye     depending on cable quality       Important installation notes     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class can be endangered by excessive bending fradii when laying cables, as the IP protection class the IP pr	Environmental characteristics   Climatic	
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangeed by excessive bending forces.       Conformity       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     green       Type of Certificate     cURus       Anount stranding     1       Stranding     4 wires star-shaped twisted       Cable shelding (roverage)     85 %       Banding     Fiber tape, Fleece, Foll       Filer     yes       Vire arrangement     white, orange, blue, yellow       Cable weight     59.4 g/m       Material packet     PUR       Filer     yes       Cable weight     59.4 g/m       Cable weight inthe, insulat		-25 °C
Additional 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 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.       Conomity       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     white, orange, blue, yellow       Cable identification     791       Jacket Color     green       Type of Centificate     cURus       Anount stranding     1       Stranding     4 wires arangement       white, orange, blue, yellow     Cable identification       Zable identification     791       Jacket Color     green       Type of Centificate     cURus       Admints at stranding     1       Stranding     4 wires star-shaped twisted       Cable shielding (type)     copper braid, tinned       Cable shielding (coverage)     85 %       Banding     Fiber tape, Fleece, Foil       Filler     yes       wire arangement     <		
Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       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 61076-2-101 (M12)       Installation (Cable     wite arrangement     white, orange, blue, yellow       Cable identification     791       Jacket Color     green       Type of Cortificate     cURus       Amount stranding     1       Stranding     4 wires star-shaped twisted       Cable shielding (type)     copper braid, tinned       Cable swight     55 %       Banding     Fiber tape, Fleece, Foil       Filer     yes       wire arrangement     white, orange, blue, yellow       Cable skielding (toverage)     85 %       Banding     Fiber tape, Fleece, Foil       Filer     yes       wire arrangement     white, orange, blue, yellow       Cable weigth     59.4 g/m       Material jackt     PUR       Freedom from ingredi		
Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       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 61076-2-101 (M12)       Installation   Cable     while, orange, blue, yellow     Standard       Cable identification     791     Standard     Standard       Zoket Colo     green     Standard     Standard     Standard       Stranding     1     Stranding     1     Strandard		acponding 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     Wire arrangement     while, orange, blue, yellow       Cable identification     791       Jacket Color     green       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires star-shaped twisted       Cable isoliding (type)     copper braid, tinned       Cable shielding (type)     copper braid, tinned       Cable shielding (coverage)     85 %       Banding     Fiber tape, Fleece, Foil       Filer     yes       wire arrangement     while, orange, blue, yellow       Cable weight     59,4 g/m       Banding     Fiber tape, Fleece, Foil       Filer     yes       wire arrangement     while, orange, blue, yellow       Cable weight     59,4 g/m       Date and gadet     PUR       Freedom from ingredients (jacket)     lead-free, CFC-free, halogen-free       Outer diameter (isolation)     1,04 mm		
Note on behalting radius     endangered by excessive bending forces.       Conformity     Installation (Cable       Installation (Cable     DIN EN 61076-2-101 (M12)       Installation (Cable     white, orange, blue, yellow       Cable identification     791       Jacket Color     green       Ype of Certificatie     cURus       Amount stranding     1       Stranding     4 wires star-shaped twisted       Cable shielding (type)     copper braid, tinned       Cable shielding (coverage)     85 %       Banding     Fiber tape, Fleece, Foil       Filler     yes       wrier arangement     white, orange, blue, yellow       Cable weigth     59,4 g/m       Material jacket     PUR       Freedom from ingredients (jacket)     lead-free, CFC-free, halogen-free       Outer diameter (sheath)     ±5 %       Material wrie insulation     PP       Amount wires     4       Outer diameter (sheath)     ±5 %       Material wrie insulation     1,04 rmn       Outer diameter tolerance core insulation     1,62 reree, CFC-free, halogen-free       Am	Note on strain relief	
Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable       wire arrangement     white, orange, blue, yellow       Cable identification     791       Jacket Color     green       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires star-shaped twisted       Cable shielding (type)     copper braid, tinned       Cable shielding (coverage)     85 %       Banding     Fiber tape, Fleece, Foil       Filer     yes       wire arrangement     white, orange, blue, yellow       Cable weigth     59.4 g/m       Material jacket     PUR       Freedom from ingredients (jacket)     lead-free, CFC-free, halogen-free       Outer diameter (jacket)     4.9 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Amount strands (wire)     19       Outer diameter tolerance or insulation     ± 5 %       Ingredient freeness wire insulation     104 mm       Outer diameter insulation     ± 5 %       Ingredient freeness wire insulation     ± 5 %	Note on bending radius	
Installation   Cable       wire arrangement     white, orange, blue, yellow       Cable identification     791       Jacket Color     green       Type of Certificate     cUBus       Amount stranding     1       Stranding     4 wires star-shaped twisted       Cable shielding (type)     copper braid, tinned       Cable shielding (coverage)     85 %       Banding     Fiber tape, Fleece, Foil       Filer     yes       wire arrangement     white, orange, blue, yellow       Cable weigth     59.4 g/m       Material jacket     PUR       Freedom from ingredients (jacket)     lead-free, CFC-free, halogen-free       Outer-diameter (scheath)     ± 5 %       Material jacket     PUR       Tolerance outer diameter (scheath)     ± 5 %       Material wire insulation     PP       Amount wires     4       Outer diameter insulation     1.04 mm       Outer diameter insulation     ± 5 %       Ingredient freeness wire insulation     lead-free, CFC-free, halogen-free       Outer diameter insulation     1.04 mm	Conformity	
wire arrangementwhile, orange, blue, yellowCable identification791Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires star-shaped twistedCable shielding (type)copper braid, tinnedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFiber tape, Fleece, FoilFilleryeswire arrangementwhite, orange, blue, yellowCable wighth59.4 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation± 5 %Ingredient freeness wire insulation1.04 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulation19Diameter of single wires26 AWGConductor orwise26 AWGConductor wirecopper stranded wire, tinned	Product standard	DIN EN 61076-2-101 (M12)
Cable identification791Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires star-shaped twistedCable shielding (type)copper braid, tinnedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFiber tape, Fleece, FoilFilleryeswire arrangementwhite, orange, blue, yellowCable weigth59.4 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter diameter (jacket)4.9 mmTolerance outer diameter (sheath)± 5 %Material jacketPPAmount wires4Outer diameter tolerance core insulation1.04 mmOuter diameter tolerance core insulation± 5 %Ingredient foreness wire insulation19Diameter of single wires26 AWGConductor roressection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinned	Installation   Cable	
Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires star-shaped twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFiber tape, Fleece, FoilFilleryeswire arrangementwhite, orange, blue, yellowCable weigth59,4 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)4Outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation± 5 %Ingredient freeness wire insulation± 5 %Inameter o	wire arrangement	white, orange, blue, yellow
Type of CertificateCURusAmount stranding1Stranding4 wires star-shaped twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFiber tape, Fleece, FoilFilleryeswire arrangementwhite, orange, blue, yellowCable weigth59.4 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation1.04 mmOuter fiameter tolerance core insulation19Diameter of single wires26 AWGConductor wirecopper stranded wire, tinned	Cable identification	791
Amount stranding1Stranding4 wires star-shaped twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFiber tape, Fleece, FoilFilleryeswire arrangementwhite, orange, blue, yellowCable weigth59,4 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor wirecopper stranded wire, tinned	Jacket Color	green
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Cable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFiber tape, Fleece, FoilFilleryeswire arrangementwhite, orange, blue, yellowCable weigth59,4 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)4,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation± 5 %Ingredient freeness wire insulation19Diameter of single wires26 AWGConductor wirecopper stranded wire, tinned	Amount stranding	1
Cable shielding (coverage)85 %BandingFiber tape, Fleece, FoilFilleryeswire arrangementwhite, orange, blue, yellowCable weigth59,4 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)4,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor wirecopper stranded wire, tinned	Stranding	4 wires star-shaped twisted
BandingFiber tape, Fleece, FoilFilleryeswire arrangementwhite, orange, blue, yellowCable weigth59,4 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)4,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation1,04 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor rorsssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinned	Cable shielding (type)	copper braid, tinned
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wire arrangementwhite, orange, blue, yellowCable weigth59,4 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)4,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation1,04 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinned	Banding	Fiber tape, Fleece, Foil
Cable weigth59,4 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)4,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter insulation1,04 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinned	Filler	yes
Material jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)4,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter insulation1,04 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulation± 5 %Ingredient freeness wire insulation1,04 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulation19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinned	wire arrangement	white, orange, blue, yellow
Freedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)4,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter insulation1,04 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinned	Cable weigth	59,4 g/m
Outer-diameter (jacket)4,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter insulation1,04 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinned	Material jacket	PUR
Tolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter insulation1,04 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinned	Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Material wire insulationPPAmount wires4Outer diameter insulation1,04 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinned	Outer-diameter (jacket)	4,9 mm
Amount wires4Outer diameter insulation1,04 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinned	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation1,04 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinned	Material wire insulation	
Outer diameter tolerance core insulation   ± 5 %     Ingredient freeness wire insulation   lead-free, CFC-free, halogen-free     Amount strands (wire)   19     Diameter of single wires   26 AWG     Conductor crosssection (wire)   26 AWG     Material conductor wire   copper stranded wire, tinned	Amount wires	
Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinned	Outer diameter insulation	1,04 mm
Amount strands (wire)19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinned		
Diameter of single wires 26 AWG   Conductor crosssection (wire) 26 AWG   Material conductor wire copper stranded wire, tinned	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Conductor crosssection (wire) 26 AWG   Material conductor wire copper stranded wire, tinned	Amount strands (wire)	
Material conductor wire copper stranded wire, tinned	Diameter of single wires	
	Conductor crosssection (wire)	
Nominal voltage AC max. 300 V	Material conductor wire	
	Nominal voltage AC max.	300 V

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Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	2,4 A
Characteristic impedance	100 Ω ± 15 % @ 100 MHz
Electrical resistance line constant wire	140 Ω/km
AC withstand voltage (wire - wire)	0,7 kV @ 60 s
Electric capacitance	51000 pF/km
Power frequency withstand voltage (wire - jacket)	0,7 kV @ 60 s
AC withstand voltage (wire - shield)	0,7 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	IEC 60332-2-2   UL 1581 § 1100 FT2   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 (fixed)	7,5 x Outer diameter
Bending radius (dynamic)	12,5 x Outer diameter
Traversing distance (C-track)	5 m
Travel speed (C-track)	3 m/s

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