

## M12 male $0^\circ$ / M12 female $0^\circ$ D-cod. shielded

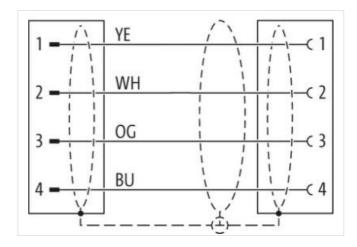
TPE 22AWG SF/UTP CAT5e gn UL/CSA. ITC/PLTC 12.5m

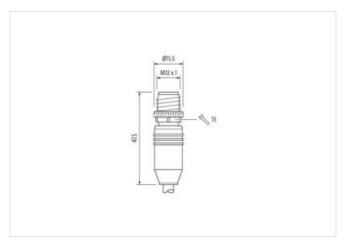
Ethernet CAT5 Further cable lengths on request. Male straight – female straight M12 – M12, 4-pole D-coded shielded USA Transmission properties with channel transmission up to 100 m Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

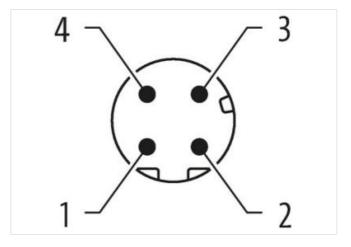
## Link to Product

## Illustration



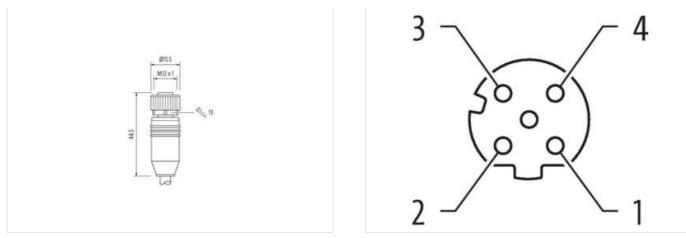






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-03





Product may differ from Image





Cable length	12,5 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-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	EC002599
customs tariff number	85444290
GTIN	4048879880961
Packaging unit	1
Electrical data   Supply	

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Current operating per centual max.     1,5 A       Industrial communication     Industrial communication       Industrial communication (Ehrenne functionality     Industrial communication (Ehrenne functionality)       Industrial communication (Ehrenne functionality)     Industrial communication (Ehrenne functionality)       Device protection (Eerificat)     Evice protection (Ehrenne functionality)       Device protection (Ehrenne functionality)     Industrial communication (Ehrenne functionality)       Mathematication (Ehrenne functionality)     Industrial communication (Ehrenne functionality)       Control for communities (Ehrenne functionality)     Industrial communication (Ehrenne functionality)       Control for communities (Ehrenne functionality)     Zine do casiling       Mathematicational (Industrial communities (Ehrenne functionality)     Communities (Ehrenne functionality)       Control for communities (Ehrenne functionality)     Zine do casiling       Mathem		
Industrial communicationCATS. CoURCD LIDB 12002, (EN 50173-1)Internamination mank.100 MBitsIndustrial communication   Ethernet turceUIndustrial communication   Ethernet turceUDevice opticationIndustrial communication   Ethernet turceDevice optication (EN IEC 6052)P65, P67, IP66KAdditional condition protection depine86Palera optication (EN IEC 6052)15, VDevice optication (EN IEC 60564)1Device optication (EN IEC 60564)15, VMaterial group (IEC 60664-1)1Contour for corrugated hosewithoutMaterial group (IEC 60664-1)1Material group (IEC 60664-1)1Contour for corrugated hosewithoutMaterial group (IEC 60664-1)1Material group (IEC 60664-1)1Contour for corrugated hosewithoutMaterial group (IEC 60664-1)1Contour for corrugated hosewithoutMaterial group (IEC 60664-1)1Material group (IEC 60664-1	Operating voltage DC max.	60 V
Transfer parametersCATS, Class D (SDUEC 118012002, (EN 50173-1)Data transmission rato max100 MBUSData transmission rato maxFul duploxDevice protection [Electrice]Ful duploxDevice protection [Electrice]ISS, IPS, IPS, IPSKAdditian condition protection dugreeInserted, serowedPoliution Degree do maximo (IN EI 6 8058-10)1Read surge volto: 60 8054-101Material group (IE 6 8054-10)1Material group (IE 6 8054-10)1 <td>Current operating per contact max.</td> <td>1,5 A</td>	Current operating per contact max.	1,5 A
Data transmission rate max.100 MBHsIndustrial communication   ElectricalFull duplor.Derge of protection   ElectricalFull duplor.Derge of protection   ElectricalIPSE, IPPS, IPPS, IPPSDerge of protection (EN EC 50528)IPSE, IPPS, IPPSPolluteon DuploreInsertion, screwedPolluteon Duplore3Rated surge vallage1.5 kVMachanical dataUControl FC 505641)IMechanical dataUControl FC 5056541IMechanical dataUControl FC 5056541IMechanical dataUControl FC 5056541IMechanical dataUControl FC 5056541IMechanical dataUMechanical dataDurot de-catingMechanical dataDurot de-catingMechanical dataDurot de-catingMechanical dataDurot de-catingMechanical dataDurot de-catingMechanical dataDurot de-catingMechanical dataDurot de-catingProtection temperature max.25 °CAdditional condition temperature may.26 °CControl MigDurot de-catingProtection temperature may.26 °CControl MigQuereenDescriton (Groppe Vall, InnodCol De-catingQuereenDe-cating (Groppe Vall, InnodCol De-catingQuereenDe-cating (Groppe Vall, InnodCol De-cating (Groppe Vall, InnodCol De-cating (Groppe Vall, Innod	Industrial communication	
Industrial communication   Element unusuality       duples     Full duples       Davice protection (Electrical     Elementation       Davise oprotection (Elementation)     Elementation       Davise oprotection (Elementation)     Elementation       Davise oprotection (Elementation)     Elementation       Davise oprotection (Elementation)     Elementation)       Davise oprotection (Elementation)     Elementation)       Davise oprotection (Elementation)     Elementation)       Davise oprotection (Elementation)     Elementation)       Material protection (Elementation)     Elementation)       Davise oprotection (Elementation)     Elementation)       Control compared horse     Una districation)       Davise oprotection (Elementation)     Elementation)       Davise oprotection (Elementation)     Elementation)<	Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
duplexFull duplexDegree of protection J ElectronDegree of protection J ElectronDegree of protection J ElectronPollution Degree186F J87, J80BKPollution Degree3Rated surge voltage1.5 kVMeteral group (IEC 60664-1)1International data	Data transmission rate max.	100 MBit/s
Device protection   ElectricalDegree of protection (EN EC 60523)P65, IP67, IP66KAdditional condition protection degreeis arewedPollution Degree3Ratet surge votage1, S kVMaterial group (EC 60564+1)IMechanical datawithoutContour for corrupated hosewithoutMechanical dataindex J paterialContour for corrupated hoseindex J paterialMechanical dataindex J paterialContour for corrupated hoseindex J paterialMuting methodindex J paterialMuting methodindex J paterialMuting methodindex J paterialProteometral data (Mounting data)index J paterialMuting methodindex J paterialProteometral data (Mounting data)index J paterialProteometral data (Mounting data)index J paterialProteometral data (Mounting data)index J paterialProteometral dataindex J paterialContom	Industrial communication   Ethernet fund	stionality
Device protection   ElectricalDegree of protection (EN EC 60523)P65, IP67, IP66KAdditional condition protection degreeis arewedPollution Degree3Ratet surge votage1, S kVMaterial group (EC 60564+1)IMechanical datawithoutContour for corrupated hosewithoutMechanical dataindex J paterialContour for corrupated hoseindex J paterialMechanical dataindex J paterialContour for corrupated hoseindex J paterialMuting methodindex J paterialMuting methodindex J paterialMuting methodindex J paterialProteometral data (Mounting data)index J paterialMuting methodindex J paterialProteometral data (Mounting data)index J paterialProteometral data (Mounting data)index J paterialProteometral data (Mounting data)index J paterialProteometral dataindex J paterialContom	duplex	Full duplex
Degree of protection (EN IEC 80529)IP65, IP67, IP68KAdditional condition protection degreeIseretod, screwedPatient surge voltage1Batel surge voltage1, S IVMaterial group (IEC 80684-1)1Mechanical dotaWithoutContror for orangated hosewithoutMechanical dotaIMaterial dotaContror for orangated hosewithoutMechanical dotaIMaterial dotaContror for orangated hosemolect patientContror for orangated hosemolect patientMounting methodmolect patientContror for for patientmolect patientOperating Istroperature max.85 °CAdditional condition temperature rangedepending on cable qualityContrormolect patientCable identificationS7VCable identificationS7VCable identificationS7VCable identification2Stranding (type 2)1Stranding (type 2)2Stranding (type 2)2Stranding (type 2)2Stranding (type 2)5 %GCable shelding (type 2)75 %GCable shelding (type 2)74 %g minCable shelding (type)S74 %g minMaterial patient (type)S74 %g		
Additional condition protection degree     inserted, screwed       Pollution Degree     3       Batel surge voltice 60864-1)     I       Mechanical dat     Control for corregate hase     without       Mechanical data     Without     Control for corregate hase     without       Mechanical data   Material data     Zine die casting     Mechanical data   Material data       Mechanical data   Material data     Zine die casting     Mechanical data   Material data       Mechanical data   Material data     Zine die casting     Mechanical data   Material data       Mechanical data   Material data     Zine die casting     Mechanical data   Material data       Mechanical data   Material data     Zine die casting     Mechanical data   Material data       Mechanical data   Material data     Zine die casting     Mechanical data   Material data       Mechanical data   Material group (Eds a)     Sine (Eds a)     Sine (Eds a)       Mounting method     inserted, screwed, Sheking protection     Eds a)       Portalita Imperature main.     25 °C     Control       Operating Imperature max.     85 °C     Additional condition temperature max.       Additional Condition temperature max.     85 °C	•	
Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (EC 60664+1)     1       Macchanical data     V       Contour for corrugated hose     without       Macchanical data (Material data     V       Contour for corrugated hose     without       Macchanical data (Material data     Zine die casting       Material provide data     Sine die casting       Material provide data (Material data     Sine die casting       Contromity     Sine die casting on cable quality       Colorinity     Provide data       Color     green       Cable dendification     STV       Jacket Color     green       Stranding     2       Stranding     2       Stranding     2       Stranding (type 2)     1       Stranding (type 2)     2 Stranding (type 2)       Color     Strue st		
Rated surge voltage     1,5 kV       Material group (EC 60564-1)     I       Mechanical data     Value       Contour for corrugated hose     without       Mechanical data (Material data     Zino die- casting       Mechanical data (Material data     Zino die- casting       Mechanical data (Mounting data     Inserted, screwed, Shaking protocion       Environmenta characteristics (Climatic     Environmenta characteristics (Climatic       Operating temperature man.     -25 °C       Diverting     Geneting       Operating temperature man.     -25 °C       Contor     green Contifi		
Material group (IEC 60864-1)     I       Mechanical data     Witbut       Mechanical data     Witbut       Mechanical data     Mechanical data       Coating locking     nickal platad       Coating locking     nickal platad       Mechanical data     Mechanical data       Mechanical data     Mechanical data       Munifing methon     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature range     depending on cable quality       Colornity     S* °C       Additional condition temperature range     depending on cable quality       Colornity     Environmental characteristics   Climatic       Cable identification     S7 V       Jacket Cloir     green       Type of Certificate     cURus       Amount stranding     2       Stranding (type 2)     1       Stranding (type 2)     2       Stranding (type 2)     2       Cable identification     S7 %       Banding (type 2)     2       Cable identification     S7 %  <		
Mechanical data     without       Contour for corrugated hose     without       Coating locking     inkel plated       Coating locking     Zinc die casting       Dechanical data   Mounting data     Zinc die casting       Mechanical data   Mounting data     For die casting       Environmental characteristics   Climati     25 °C       Operating temperature man.     25 °C       Operating temperature man.     25 °C       Additional condition temperature mane.     25 °C       Operating temperature man.     25 °C       Additional condition temperature mane.     25 °C       Contormity     Environmental characteristics   Climati       Product standard     DIN EN 61076-2101 (M12)       Installation   Cable     UNEN 61076-2101 (M12)       Jacket Color     green       Anount standing     2       Vipo al Cartificate     OPUsus       Anount standing     2 Nareedo joints twisted       Cable sidentification     Copper braits twisted       Cable sidentification     Going Que ye Que ye Que ye Que ye Que ye Que ye Nume ye Que ye Num ye Que		1,5 KV
Contour for corrugated hose     without       Bechanical data   Material data     Incele casting       Conting fooking     Incele casting       Mechanical data   Mounting data     Incele casting       Munting method     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Screwed, Shaking protection       Environmental characteristics   Climatic     Screwed, Shaking protection       Environmental characteristics   Climatic     Screwed, Shaking protection       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional Cobie     UNE No 1076-2:101 (M12)       Tatalitation     Green       Appe Contification     Green       Appe Colorition     Green       Appe Colorition     Green       Appe Colorition <td></td> <td></td>		
Mechanical data   Material data       Coating locking     nickel plated       Locking material     Zinc die-casting       Mechanical data   Mounting deta     inserted, sorewed, Shaking protection       Environmental characteristics   Climatu     Environmental characteristics   Climatu       Operating temperature min.     25 °C       Operating temperature man.     85 °C       Additional condition temperature man.     85 °C       Contomity     Environmental quarture man.       Product standard     DIN EN 61076-2-101 (M12)       Instanding     green       Type of Confinatio     S7V       Adocted Color     green       Type of Confinatio     Queres twisted       Anount stranding (type 2)     1       Stranderg (type 2)     2 Stranded joints twisted       Cable shielding (coverage)     75 %       Banding (type 2) <td>Mechanical data</td> <td></td>	Mechanical data	
Coding locking     nickel plated       Locking material     Zinc die-casting       Mechanical data I Mounting data       Functional inderacteristics [Climatic       Environmental characteristics [Climatic       Operating temperature max.     25 °C       Operating temperature may.     65 °C       Additional condition temperature may.     65 °C       Additional condition temperature may.     05 °C       Contormity     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Installation [Cable     Cable identification       STV     Standing (Data Cable)       Standing (Data Cable)     green       Type of Certificate     Cull Plus       Amount stranding     2       Stranding (Npe 2)     1       Stranding (Npe 2)     2 Stranded joints twisted       Cable shielding (roverage)     75 %       Banding     Foll       wire arangement     (white. blue), (orange, yellow)       Travel speed (Crtack)     35 Min. @ 25 °C       Cable shielding (roverage)     75 %       Banding     Foll       Wareta mangement	Contour for corrugated hose	without
Locking material     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 max.     85 °C       Coluct standard     DIN EN 610762-101 (M12)       Installation (Cable     Sirv       Cable condition fease     CUFU       Amount standing (Ppe 2)     1       Stranding (type 2	Mechanical data   Material data	
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 max.     depending on cable quality       Contornity     Environmental Cable       Product standard     DIN EN 61076-2-101 (M12)       Installion   Cable     Environmental Cable       Zable identification     S7V       Jacket Colon     green       Type of Certificate     CUPLus       Amount stranding     2       Stranding (type 2)     1       Stranding (type 2)     2 Stranded joints twisted       Cable shielding (coverage)     75 %       Banding     Foil       Write, Jule, Jorange, yellow)     Strandeg yellow       Travel speed (C-track)     35 Mio. @ 25 °C       Cable weigh     74 & g/m       Material jackt     TPE       Freedom from ingredients (jacket)     IpZ mm       Total speed (C-track)     3.87 m       Total space (insketi)     1.82 m	Coating locking	nickel plated
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     B*C       Product standard     DIN EN 61076-2.101 (M12)       Installation   Cable     Cable dentification       Cable identification     S7V       Jacket Color     green       Type of Certificate     cURus       Amount stranding (type 2)     1       Stranding (type 2)     2 Stranded joints twisted       Cable shielding (type 2)     2 Stranded joints twisted       Cable shielding (type 2)     2 Stranded joints twisted       Cable shielding (type 2)     5 %       Banding     Foil       wire arrangement     (white, blue), (orange, yellow)       Travel speen (C-track)     56 Mic. Q 25 °C       Cable weight     74.8 g/m       Material jackt     TPE       Freedom from ingredients (jacket)     lead-free, CFC-free, halogen-free       Outer diameter (whate)     t5 %	Locking material	Zinc die-casting
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     B*C       Product standard     DIN EN 61076-2.101 (M12)       Installation   Cable     Cable dentification       Cable identification     S7V       Jacket Color     green       Type of Certificate     cURus       Amount stranding (type 2)     1       Stranding (type 2)     2 Stranded joints twisted       Cable shielding (type 2)     2 Stranded joints twisted       Cable shielding (type 2)     2 Stranded joints twisted       Cable shielding (type 2)     5 %       Banding     Foil       wire arrangement     (white, blue), (orange, yellow)       Travel speen (C-track)     56 Mic. Q 25 °C       Cable weight     74.8 g/m       Material jackt     TPE       Freedom from ingredients (jacket)     lead-free, CFC-free, halogen-free       Outer diameter (whate)     t5 %	Mechanical data   Mounting data	
Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Contormity     Environmental characteristics   Climatic       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Environmental characteristics   Climatic       Cable identification     S7V       Jacket Color     green       Type of Certificate     CURus       Amount stranding     2       Stranding     2 stranded joints twisted       Cable shielding (type 2)     1       Stranding (type 2)     2 Stranded joints twisted       Cable shielding (type)     copper braid, tinned       Cable shielding (type)     5%       Banding     Foil       wire arangement     (white, blue), (orange, yellow)       Travel speed (C-track)     35 Mio. @ 25 °C       Cable weigh     74.8 g/m       Material jacket     TPE       Freedom from ingredients (jacket)     8.4 * * * * * * * * * * * * * * * * * * *		inserted, screwed. Shaking protection
Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Consentiv        Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable        Cable identification     S7V       Jacket Colo     green       Type of Certificate     cuRus       Amount stranding     2       Stranding (type 2)     1       Stranding (type 2)     2 Stranded joints twisted       Cable shielding (type)     copper braid, tinned       Cable weigth     Foil       wrier arangement     (white, blue), (orange, yellow)       Travel speed (C-track)     35 Mio. @ 25 °C       Cable weigth     74.8 g/m       Material jacket     TPE       Freedom from ingredients (jacket)     1.87 rm       Cableration from ingredients (jacket)     1.5 %       Material wire insulation     HDPE       Amount stranding wires usulation     HDPE       Cable weigth     7.87 rm       Tolerance outer (jacket)     7.87 rm	-	
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     Product standard       Din EN 61076-2-101 (M12)     Installation   Cable       Cable identification     S7V       Jacket Color     green       Type of Certificate     cURus       Amount stranding     2       Stranding (type 2)     1       Stranding (type 2)     2 Stranded joints twisted       Cable shielding (type 2)     2 Stranded joints twisted       Cable shielding (coverage)     75 %       Banding     Foil       write arrangement     (white, blue), (orange, yellow)       Travel speed (C-track)     35 Mio. @ 25 °C       Cable weigth     74.8 g/m       Material jacket     TPE       Freedom from ingredients (jacket)     lead-free, CFC-free, halogen-free       Outer diameter (sheath)     1.5 %       Material wire insulation     HDPE       Amount stranding (type 2)     35 Mio. @ 25 °C       Cable weigth     74.8 g/m       Material wire insulation     HDPE       Amount twires		25.00
Additional condition temperature range depending on cable quality   Conformity   Product standard DIN EN 61076-2-101 (M12)   Installation   Cable   Cable identification S7V   Jacket Color green   Type of Certificate cURus   Amount stranding 2   Stranding 2 wires twisted   Amount stranding (type 2) 1   Stranding (type 2) 2 Strandel joints twisted   Cable shielding (type) copper braid, tinned   Cable shielding (coverage) 75 %   Banding Foil   wire arrangement (white, blue), (orange, yellow)   Travel speed (C-track) 35 Mio. @ 25 °C   Cable weigth 74.8 g/m   Material jacket TPE   Freedom from ingredients (jacket) lead-free. CFC-free, halogen-free   Outer diameter (jacket) ± 5 %   Material jacket HDPE   Amount wires 4   Outer diameter isolation 1,47 rm   Outer diameter isolation ± 5 %   Ingredient freeness wire insulation lead-free, CFC-free, halogen-free		
Conformity     DIN EN 61076-2-101 (M12)       Installation   Cable     Installation   Cable       Cable identification     S7V       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 (coverage)     75 %       Banding     Foil       wire arrangement     (white, blue), (orange, yellow)       Travel speed (C-track)     35 Mio. @ 25 °C       Cable weigth     7.4.8 g/m       Material jacket     TPE       Freedom from ingredients (jacket)     [ead-free, CFC-free, halogen-free       Outer diameter (sheath)     ± 5 %       Material wire insulation     HDPE       Amount wires     4       Outer diameter tolerance core insulation     1.47 rm       Outer diameter insulation     ± 5 %		
Product standardDN EN 61076-2-101 (M12)Installation   CableCable identificationS7VJacket ColorgreenType of CertificatecURusAmount stranding2Stranding (type 2)2 stranded joints twistedCable shielding (type 2)2 Stranded joints twistedCable shielding (type 2)2 Stranded joints twistedCable shielding (coverage)75 %BandingFoilwire arrangement(white, blue), (orange, yellow)Travel speed (C-track)35 Mio. @ 25 °CCable weigth74.8 g/mMaterial jacketTPEFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter diameter (shealth)1.5 %Material wire insulation1.47 mmOuter diameter insulation1.5 %Ingredient freeness wire insulation1.5 %Ingredient freeness wire insulation1.5 %Ingredient freeness wire insulation1.5 %Ingredient freeness wire insulation1.62 (-Free, halogen-freeIngredient freeness wire insulation1.62 (-Free, halogen-freeIngredient freeness wire insulation1.62 (-Free, halogen-freeIngredient freeness wire insulation <td>· · ·</td> <td></td>	· · ·	
Installation   Cable       Cable identification     S7V       Jacket Color     green       Type of Certificate     cURus       Amount stranding     2       Stranding (type 2)     2 wires twisted       Cable shielding (type 2)     1       Stranding (type 2)     2 Stranded joints twisted       Cable shielding (type)     copper braid, tinned       Cable shielding (coverage)     75 %       Banding     Foil       wire arangement     (white, blue), (orange, yellow)       Travel speed (C-track)     35 Mio. @ 25 °C       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       Tolerance outer diameter (sheath)     ± 5 %       Material iwire insulation     HDPE       Arount wires     4       Outer diameter (sheath)     ± 5 %       Material iwire insulation     1.47 mn       Outer diameter tolerance core insulation     ± 5 %		
Cable identificationS7VJacket ColorgreenType of CertificateCURusAmount stranding2Stranding2 wires twistedAmount stranding (type 2)1Stranding (type 2)2 Stranded joints twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)75 %BandingFoilwire arrangement(white, blue), (orange, yellow)Travel speed (C-track)35 Mio. @ 25 °CCable weigth74.8 g/mMaterial jacketTPEFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter diameter (jacket)4Outer diameter (insulation1,47 mmOuter diameter insulation1,47 mmOuter diameter insulation1,47 mmOuter diameter insulation1,47 mmOuter diameter foreness wire insulationlead-free, CFC-free, halogen-freeOuter diameter insulation1,47 mmOuter diameter insulation1,64-free, CFC-free, halogen-free	Product standard	DIN EN 61076-2-101 (M12)
Jacket ColorgreenType of CertificatecURusAmount stranding2Stranding2 wires twistedAmount stranding (type 2)1Stranding (type 2)2 Stranded joints twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)75 %BandingFoilwire arrangement(white, blue), (orange, yellow)Travel speed (C-track)35 Mio. @ 25 °CCable weigth74.8 g/mMaterial jacketTPEFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter clameter (jacket)1.5 %Material wire insulation1.47 mmOuter diameter tolerance core insulation1.5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeOuter diameter tolerance core insulation1.5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-free	Installation   Cable	
Type of CertificateCURusAmount stranding2Stranding2 wires twistedAmount stranding (type 2)1Stranding (type 2)2 Stranded joints twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)75 %BandingFoilwire arrangement(white, blue), (orange, yellow)Travel speed (C-track)35 Mio. @ 25 °CCable weigth74.8 g/mMaterial jacketTPEFreedom from ingredients (jacket)!ead-free, CFC-free, halogen-freeOuter diameter (sheath)± 5 %Amount wires4Outer diameter insulation1,47 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-free	Cable identification	S7V
Amount stranding2Amount stranding2 wires twistedAmount stranding (type 2)1Stranding (type 2)2 Stranded joints twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)75 %BandingFoilwire arrangement(white, blue), (orange, yellow)Travel speed (C-track)35 Mio. @ 25 °CCable weigth74.8 g/mMaterial jacketTPEFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (sheath)± 5 %Material wire insulationHDPEAmount wires4Outer diameter tolerance core insulation± 5 %Ingredients freeness wire insulationlead-free, CFC-free, halogen-freeOuter diameter tolerance core insulation1,47 mmOuter diameter tolerance core insulationlead-free, CFC-free, halogen-freeIngredient freeness wire insulationlead-free, CFC-free, halogen-free	Jacket Color	green
Stranding2 wires twistedAmount stranding (type 2)1Stranding (type 2)2 Stranded joints twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)75 %BandingFoilwire arrangement(white, blue), (orange, yellow)Travel speed (C-track)35 Mio. @ 25 °CCable weigth74,8 g/mMaterial jacketTPEFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (sheatth)± 5 %Material wire insulationHDPEAmount wires4Outer diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-free	Type of Certificate	cURus
Amount stranding (type 2)1Stranding (type 2)2 Stranded joints twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)75 %BandingFoilwire arrangement(white, blue), (orange, yellow)Travel speed (C-track)35 Mio. @ 25 °CCable weigth74,8 g/mMaterial jacketTPEFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)1,87 mmTolerance outer diameter (sheath)± 5 %Material wire insulation1,47 mmOuter diameter tolerance core insulation1,47 mmOuter diameter tolerance core insulationlead-free, CFC-free, halogen-freeIngredient freeness wire insulationlead-free, CFC-free, halogen-free	Amount stranding	2
Stranding (type 2)2 Stranded joints twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)75 %BandingFoilwire arrangement(white, blue), (orange, yellow)Travel speed (C-track)35 Mio. @ 25 °CCable weigth74,8 g/mMaterial jacketTPEFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)7,87 mmTolerance outer diameter (sheath)± 5 %Material wire insulationHDPEAmount wires4Outer diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-free	Stranding	2 wires twisted
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Cable shielding (coverage)75 %BandingFoilwire arrangement(white, blue), (orange, yellow)Travel speed (C-track)35 Mio. @ 25 °CCable weigth74.8 g/mMaterial jacketTPEFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)7,87 mmTolerance outer diameter (sheath)± 5 %Material wire insulationHDPEAmount wires4Outer diameter insulation1,47 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-free	Stranding (type 2)	2 Stranded joints twisted
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wire arrangement(white, blue), (orange, yellow)Travel speed (C-track)35 Mio. @ 25 °CCable weigth74,8 g/mMaterial jacketTPEFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)7,87 mmTolerance outer diameter (sheath)± 5 %Material wire insulationHDPEAmount wires4Outer diameter tolerance core insulation1,47 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationLead-free, CFC-free, halogen-free	Cable shielding (coverage)	75 %
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Cable weigth74,8 g/mMaterial jacketTPEFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)7,87 mmTolerance outer diameter (sheath)± 5 %Material wire insulationHDPEAmount wires4Outer diameter insulation1,47 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-free	wire arrangement	
Material jacket   TPE     Freedom from ingredients (jacket)   lead-free, CFC-free, halogen-free     Outer-diameter (jacket)   7,87 mm     Tolerance 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	Travel speed (C-track)	
Freedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)7,87 mmTolerance outer diameter (sheath)± 5 %Material wire insulationHDPEAmount wires4Outer diameter insulation1,47 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-free	Cable weigth	74,8 g/m
Outer-diameter (jacket)   7,87 mm     Tolerance 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	Material jacket	TPE
Tolerance 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	Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
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	Outer-diameter (jacket)	7,87 mm
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	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation   1,47 mm     Outer diameter tolerance core insulation   ± 5 %     Ingredient freeness wire insulation   lead-free, CFC-free, halogen-free	Material wire insulation	HDPE
Outer diameter tolerance core insulation ± 5 %   Ingredient freeness wire insulation lead-free, CFC-free, halogen-free	Amount wires	4
Ingredient freeness wire insulation lead-free, CFC-free, halogen-free	Outer diameter insulation	1,47 mm
	Outer diameter tolerance core insulation	± 5 %
Amount strands (wire) 19	Ingredient freeness wire insulation	
	Amount strands (wire)	19

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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)	0° 08
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
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	8 x Outer diameter
No. of torsion cycles	5 Mio. 25 °C
Torsion stress	± 180 °/m

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