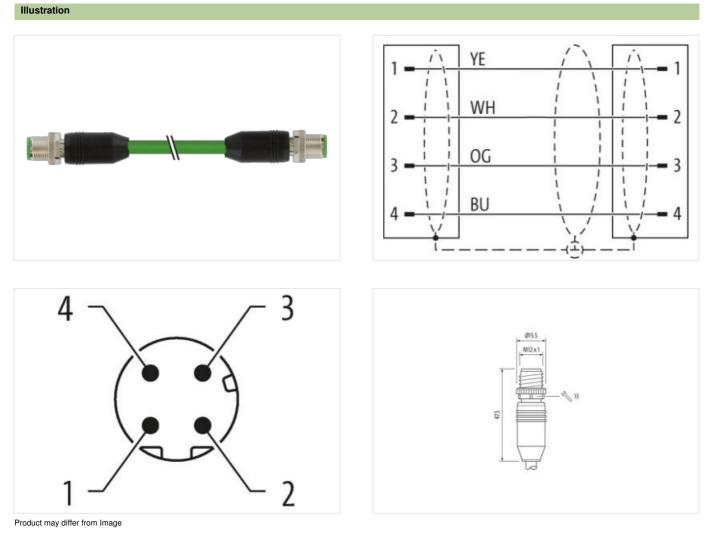


M12 male 0° / M12 male 0° D-cod. shielded

PUR 1x4xAWG22 shielded gn UL/CSA 10m

Ethernet CAT5e Transmission properties with channel transmission up to 100 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





Cable length

10 m

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: 2024-05-18



Cido 1

Family consistuction formM12TimaadM12 x 1CodingDCodingDMaterialPURNo. of poles4With accos flatsSW13Degree of protection (EN IEC 80559)IP85, IP86K, IP87Side 2Targeton of poles of the Constraint of the Con	Side 1		
Muning numbed Inselved, servered Family conduction form M12 Transal M12 × 1 Catle could i straight Catle could i straight Coding O Material PUR No. of polas 4 Width accoss filts SW13 Degree of potection (EN IEC 60529) iPES, IPESK, IPEST Tiphoning torque 0.5 Nn Mauning method inserted, screwed Family construction form M12 × 1 Cable out straight Cable out straight <td< td=""><td>Tightening torque</td><td>0,6 Nm</td></td<>	Tightening torque	0,6 Nm	
Thread M12 x 1 Cable outlet straight Cable outlet straight Cable outlet straight Coding D Material PUR No. of polas 4 With across flats SW13 Degree of protection (EN IEC 60529) IP65, IP667, IP67 Side 2 T Tightening torque 0.8 Mn Mounling method insertiest, servered Family construction form M12 Thread M12 x 1 Cable outlet straight Coding D Degree of protection (EN IEC 60529) IP65, IP67. Commedia data SW13 Degree of protection (EN IEC 60529) IP65, IP67. Commedia data SW13 Degree of protection (EN IEC 60529) IP65, IP67. Commedia data SW13 ECLASS 6.0 27061801 ECLASS 7.0 27060307 ECLASS 8.0 27060307 ECLASS 8.0 27060307 ECLASS 8.0 27060307 ECLASS 8.10 27060307 ECLASS 8.12 27060307 ECLASS 8.12 27060307 ECLASS 8.12 27060307 ECLASS 8.12 2706030	Mounting method	inserted, screwed	
Cable outlet straight Coding D Opting D No. of polas 4 Work arcoss finds SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 State Techning torque State Techning torque State Techning torque State No. of polas Thread M12 Thread M12 x 1 Cable outlet straight Coding D Material PUR No. of polas 4 Word across fints SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Commercial data SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Contractif data SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Colass 6.0 2706101 ECLASS 6.1 27060307 ECLASS 6.1 27060307 ECLASS 6.1 27060307 ECLASS 6.1 27060307 <td>Family construction form</td> <td>M12</td>	Family construction form	M12	
OxdingDMaterialPURNo. of poles4With accoss flatsSW13Degree of protection (ENEC 6905)IP65, IP66K, IP67Side 2With accoss flatsO. M.Mounting matheInserted. scrowedFamily construction formM12TravadM12 1Cable outletatraightCable outletatraightCable outletatraightCable outletatraightCable outletatraightCable outletatraightCable outletatraightCable outletPURNo. of poles4With accoss flatsSW13Degree of protection (EN EC 60529)IP66, IP66K, IP67Commercial data27000307ECLASS 6.027001901ECLASS 7.027000307ECLASS 7.027000307ECLASS 7.027000307ECLASS 7.027000307ECLASS 7.027000307ECLASS 7.027000307ECLASS 7.027000307ECLASS 7.027000307ECLASS 7.127000307ECLASS 7.027000307ECLASS 7.027000307ECLASS 7.027000307ECLASS 7.127000307ECLASS 7.127000307ECLASS 7.127000307ECLASS 7.227000307ECLASS 7.227000307ECLASS 7.127000307ECLASS 7.227000307ECLASS 7.127000307ECLASS 7.227000307 <td>Thread</td> <td>M12 x 1</td>	Thread	M12 x 1	
Material PUR No. of poles! 4 With across Has SW 13 Degree of protection (EN IEC 60529) IPES, IPE6K, IPE7 Side 2 Treated of protection (EN IEC 60529) Types of protection (EN IEC 60529) IPES, IPE6K, IPE7 Side 2 Treated of protection (EN IEC 60529) Types of protection (EN IEC 60529) Material Pure Straight Cadie oufer straight Cadie oufer straight Cadie oufer bytes, IPE6K, IPE7 Commercial stats SW13 Degree of protection (EN IEC 60529) PES, IPE6K, IPE7 Commercial stats SW13 Degree of protection (EN IEC 60529) PES, IPE6K, IPE7 Commercial stats SW13 Degree of protection (EN IEC 60529) protection (EN IEC 60529) Commercial stats SW13 Degree of protection (EN IEC 60529) PES (PEGK, IPE7 Commercial stats SW13 Degree of protection (EN IEC 60529) PES (PEGK, IPE7 Commercial stats SW13 Declass 5.0	Cable outlet	straight	
No. of poles 4 Winh accoss flats SW13 Degree of protection (EN EC 60529) IP65, IP65K, IP67 Side 2 Side 1 Taptisening torque 0.5 Nm Munding method inserted, sorewed Family construction form M12 Thread M12 x 1 Cole outer straight Cole outer straight Cole outer straight Cole outer straight Coning D Degree of protection (EN EC 60529) IP65, IP66K, IP67 Commercial data SV13 ECLASS 6.0 27061801 ECLASS 7.0 27061807 ECLASS 7.0 27060307 ECLASS 7.0 27060307 ECLASS 8.0 27060307 ECLASS 8.10 27060307 ECLASS 8.11 27060307 ECLASS 8.12.0 27060307 ECLASS 8.11 27060307 ECLASS 8.12.0 27060307 ECLASS 8.13 27060307 ECLASS 8.10 27060307	Coding	D	
With access flats SW13 Dagree of protection (EN IEC 6628) IP65, IP667 Side 2 Tightening torque 0,6 Nm Mounting method Inserted, screwed Family construction form M12 Thread M12 x1 Cade outlet straight Cading D Material PUP No. of poles 4 With access flats SW13 Dargree of protection (EN IEC 60529) IP65, IP66K, IP67 Commercial data ECLASS 4.0 ECLASS 5.0 27061307 ECLASS 5.1 27060307 ECLASS 5.0 27060307 ECLASS 5.1.1 27060307 ECLASS 5.1.2 27060307 ECLASS 5.1.1 27060307 ECLASS 5.1.2 27060307 ECLASS 5.1.2.0 27060307 ECLASS 5.1.1 27060307 ECLASS 5.1.2 27060307 ECLASS 5.1.2 27060307 ECLASS 5.1.3 27060307 ECLASS 5.1.0 27060307 ECLA	Material	PUR	
Dages of protection (EN IEC 60529) IP65, IP66K, IP67 Stde 2 Tightening torque 0.6 Nm Munting method inserted, sorewed Image of protection form M12 Thread M12 X 1 Image of protection form Image of protection f	No. of poles	4	
Sile 2 Tiphenip torque 0.68 km Mounting method insertiod, scrowed Mounting method insertiod, scrowed Timead M12 x 1 Codie outlet straight Coding D Coding D Material PUR No. of poles 4 With aroses fitts SW13 Degree of protection (EN IEC 66529) IP66K, IP67 Commercial 27061801 ECLASS 6.0 27061801 ECLASS 6.1 27060007 ECLASS 7.0 27060007 ECLASS 7.1 27060007 ECLASS 7.2 27060007 ECLASS 7.2 ECOD02569 Carabar infor	Width across flats	SW13	
Tighaning larque 0.8 Nn Mouning method Inserted, scrowed Enniny construction form M12 Thread M12 x 1 Cable collel etraight Cable collel etraight Cable collel etraight Cading D Matarial PUR No. of poles 4 Wold across fints SW13 Dagree of protection (EN IEC 60529) IP65, IP66K, IP67 Commecial dat E ECLASS 4.0 27060307 ECLASS 5.1 27060307 ECLASS 5.0 27060307 ECLASS 5.0.1 27060307 ECLASS 5.0.1 27060307 ECLASS 5.1.1 ECO2559 Context for thomber 60 V Current operating oper contax max. 1,5 A Eletricial data Logge 1,5 A <td>Degree of protection (EN IEC 60529)</td> <td>IP65, IP66K, IP67</td>	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67	
Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 Cable outlet straight Cadier D Material PUR No. or poles 4 With across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Commercial dat 27061801 ECLASS 4.0 2706007 ECLASS 5.0 2706007 ECLASS 5.0 2706007 ECLASS 5.0.1 2706007 ECLASS 5.0.0 2706007 ECLASS 5.0.0 2706007 ECLASS 5.0.0 2706007 ECL	Side 2		
Family construction form M12 Thread M12 × 1 Cable outlet straight Coding D Material PUR No. of poles 4 With across flats SW13 Degree of protection (ENTEC 60529) IP85, IP66K, IP67 Commercial data ECLASS-6.0 27060307 ECLASS-6.1 ECLASS-6.0 27060307 ECLASS-6.0 27060307 ECLASS-6.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 <t< td=""><td>Tightening torque</td><td>0,6 Nm</td></t<>	Tightening torque	0,6 Nm	
Thread M12 x 1 Cable couldet straight Cable couldet straight Cable couldet straight Cable couldet PUR No. of poles 4 Width across fals SW13 Degree of protection (ENTEC 60529) IP65, IP66K, IP67 Commercial data ECLASS-6.0 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ETMA-0 EC002599 oustoms taiff number 8544290 GTN 404887332074 Packaging unit 1 Electrical data JSupply Current operating per contact max. Industrial communication Industrial communication Industrial commun	Mounting method	inserted, screwed	
Cable outlet straight Coding D Material PUR No. of poles 4 Width across flats SW13 Degree or protection (EN IEC 60529) IP65, IP66K, IP67 Commercial data E ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-6.0 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-7.0 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.0 404887332	Family construction form	M12	
Coding D Material PUR No. of poles 4 Witch across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Commercial data E ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-7.0 27060307 ECLASS-1.1 27060307 ECLASS-1.0 27060307 <td>Thread</td> <td>M12 x 1</td>	Thread	M12 x 1	
Material PUR No. di poles 4 No. di poles 4 Degre of protection (EN IEC 60529) IP65, IP66K, IP67 Commercial data E ECLASS-6.0 27061801 ECLASS-7.0 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-7.0 27060307 ECLASS-1.1 27060307 ECLASS-1.0 27060307 ECLASS-1.1 27060307 ECLASS-1.0 27060307 </td <td>Cable outlet</td> <td>straight</td>	Cable outlet	straight	
No. of poles 4 Width across flats SW13 Dagree of protection (EN IEC 60529) IP65, IP66K, IP67 Commercial data E ECLASS-6.0 27061801 ECLASS-5.1 27060307 ECLASS-6.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-1.1 27060307 ECLASS-1.2	Coding	D	
Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Commercial data EGLASS 6.0 ECLASS 6.0 27061801 ECLASS 7.0 27060307 ECLASS 8.0 27060307 ECLASS 8.0 27060307 ECLASS 8.0 27060307 ECLASS 9.0 EC002599 coustoms tariff number 85444290 GTIN 4048979228074 Packaging unit 1 Electrical data [Supply Electrical fauget Operating voltage DC max. 60 V Current operating per contact max. 1,5 A Industrial communication Electrical Electrical fauget Data transmission rate max. 100 MBit/s Industrial communication Electrica	Material	PUR	
Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Commercial data 27061801 ECLASS-6.0 27061801 ECLASS-7.0 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-10.1 27060307 ECLASS-10.1 27060307 ECLASS-10.1 27060307 ECLASS-10.1 27060307 ECLASS-10.1 27060307 ECLASS-10.0 E7060307 ECLASS-10.0 E7060307 ECLASS-10.0 E7060307 ECLASS-10.0 E7060307 ECLASS-10.1 27060307 ECLASS-10.0 E7060307 ECLASS-10.0 E7060307 ECLASS-10.0 E7060307 ECLASS-10.1 27060307 ECLASS-10.1 27060307 ECLASS-10.1 27060307 ECLASS-10.1 27060307 ECLASS-10.1 27060307 ECLASS-10.1 2706107	No. of poles	4	
Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-10.1 27060307 ECLASS-12.0 27060307 ETM-5.0 EC002599 customs tariff number 8544290 GTIN 404887328074 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Current operating per contact max. 1.5 A Industrial communication Industrial communication Eleterical Industrial communication Eleterical Industrial communication Eleterical Degree of protection (Eleterical <td>Width across flats</td> <td>SW13</td>	Width across flats	SW13	
ECLASS-6.0 27061801 ECLASS-7.0 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 EcutaSI 10.1 27060307 EcutaSI 11.1 27060307 EcutaSI 11.1 27060307 EcutaSI 12.0 27060307 CutaSI 11.1 27060307 EcutaSI 11.1 27060307 EcutaSI 11.1 27060307 CutasI 11.1 27060307 EcutaSI 11.1 27060307 EcutaSI 11.1	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67	
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 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 EC002599 customs taff number 85444290 GTIN 4048879328074 Packaging unit 1 Electrical data Supply Urget and the supply Operating voltage DC max. 60 V current operating per contact max. 1,5 A Industrial communication Industrial communication Transfer parameters CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Electrical Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rat	Commercial data		
ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-11.1 27060307 Ectifical data I Supply 00 Operating voltage DC max. 60 V Current operating voltage DC max. 60 V Current operating voltage DC max. 100 MBit/s Industrial communication 1.5 A Industrial communication rate max. 100 MBit/s Industria	ECLASS-6.0	27061801	
ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444290 GTIN 404879328074 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Current operating por 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 Elternet functionatity duplex FUI duplex Device protection Electrical Degree of protection (Electrical Degree of protection degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Metrial group (IEC 60664-1) 1 Metrial group (IEC 60664-1) 1 <	ECLASS-6.1	27060307	
ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ETM-5.0 EC002599 customs tariff number 8544290 GTIN 4048879328074 Packaging unit 1 Electrical data Supply Operating voltage DC max. Operating voltage DC max. 60 V Current operating per contact max. 1.5 A Industrial communication Industrial communication Transfer parameters CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality Iduality duplex Full duplex 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) 1 Metanical data Image and tande	ECLASS-7.0	27060307	
ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444290 GTIN 4048879328074 Packaging unit 1 Electrical data Supply 0 Operating voltage DC max. 60 V Current operating per contact max. 1,5 A Industrial communication 1 Transfer parameters CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionullity 100 MBit/s Degree of protection Electrical Full duplex Pacies protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Polucin Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Metrical data Image: Screwed	ECLASS-8.0	27060307	
ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETM-5.0 EC002599 customs tariff number 85444290 GTIN 4048879328074 Packaging unit 1 Electrical data Supply Operating portant max. 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 Full duplex Degree of protection Elterrical Full duplex Police 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) 1 Mechanical data Image transmission protection (El Ec 60664-1)	ECLASS-9.0	27060307	
ECLASS-12.027060307ETIM-5.0EC002599customs tariff number85444290GTIN4048879328074Packaging unit1Electrical data SupplyOperating voltage DC max.60 VCurrent operating per contact max.1,5 AIndustrial communicationTransfer parametersCAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)Data transmission rate max.100 MBit/sIndustrial communication Ethernet functionalityduplexFull duplexDegree of protection ElectricalDegree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)1Metrial group (IEC 60664-1)1	ECLASS-10.1	27060307	
ETIM-5.0EC002599customs tariff number85444290GTIN4048879328074Packaging unit1Electrical data SupplyOperating voltage DC max.60 VCurrent operating per contact max.1,5 AIndustrial communicationTransfer parametersCAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)Data transmission rate max.100 MBit/sIndustrial communication Ethernet functionalityduplexFull duplexPerice protection ElectricalDegree of protection (EN IEC 60529)IP65, IP67, IP66KAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMaterial group (IEC 60664-1)IMechanical dataI	ECLASS-11.1	27060307	
customs tariff number 85444290 GTIN 4048879328074 Packaging unit 1 Electrical data Supply 60 V Operating voltage DC max. 60 V Current operating per contact max. 1,5 A Industrial communication 1 Transfer parameters CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet funct/supplex V Device protection Electrical Full duplex 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 Meterial group (IEC 60664-1) I	ECLASS-12.0	27060307	
GTIN 4048879328074 Packaging unit 1 Electrical data Supply 60 V Operating voltage DC max. 60 V Current operating per contact max. 1,5 A Industrial communication CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173·1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality V duplex Full duplex Degree of protection Electrical Inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I	ETIM-5.0	EC002599	
Packaging unit 1 Electrical data Supply 60 V Operating voltage DC max. 60 V Current operating per contact max. 1,5 A Industrial communication Electrical data Supply Transfer parameters CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality Iduplex Operating protection Electrical Full duplex 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	customs tariff number	85444290	
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 function duplex Full duplex Degree of 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 Iiii (IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		4048879328074	
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 functionality duplex Full duplex 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	Packaging unit	1	
Current operating per contact max. 1,5 A Industrial communication Industrial communication Transfer parameters CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality Industrial communication Ethernet functionality duplex Full duplex Device protection Electrical Inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Interviewein functionality	Electrical data Supply		
Industrial communication Transfer parameters CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality Vertice protection Ethernet functionality duplex Full duplex Device protection Electrical Perfection 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 Interted surge voltage	Operating voltage DC max.	60 V	
Transfer parameters CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functory Itel duplex duplex Full duplex Device protection Electrical Full duplex 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	Current operating per contact max.	1,5 A	
Transfer parameters CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functory Itel duplex duplex Full duplex Device protection Electrical Full duplex 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	Industrial communication		
Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex 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 inserted		CAT5e, Class D (ISO/IEC 11801:2002). (EN 50173-1)	
Industrial communication Ethernet functionality duplex Full duplex 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			
duplexFull duplexDevice protection ElectricalDegree of protection (EN IEC 60529)IP65, IP67, IP66KAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data			
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			
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	·		
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I	Device protection Electrical		
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII			
Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Additional condition protection degree		
Material group (IEC 60664-1) I Mechanical data	Pollution Degree	3	
Mechanical data	Rated surge voltage	1,5 kV	
	Material group (IEC 60664-1)	I	
	Mechanical data		
		without	
	Contour for corrugated nose		

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: 2024-05-18

Murrelektronik GmbH | Office Park 4, 4.OG/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at



Mechanical data | Material data

Caching lockingNokeledLorking methodIncerted, screwed, Shaking protectionEnvironmethal characteristics ClimateOperating interpretative min25 °COperating interpretative min.85 °CAdditional controls interpretative may.85 °CAdditional controls interpretative may.85 °CAdditional controls interpretative may.85 °CNote on stain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable less.Note on stain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable less.Note on stain reliefDIN EN 51076 2·101 (M12)Instation I CableInstation CableCable instatification794Jacket ColorgreenType of Controling1Standing1Standing1Standingcapper braid, finandCable shelding (type)capper braid, finandCable shelding (type)capper braid, finandCable shelding (type)85 %BardingFloece, FollFiler98 Shore AFiredont stantalistion95 Shore AFordont stantalistion55 KrCable weight65 % %Barding (towrape)85 %Barding (towrape)85 %Cable weight75 °f mMaterial jacket92 NrFiredont tim mignation85 Shore AFiredont tim mignation55 %Color muterial standarket85 Shore DCater another insulation	Mechanical data Material data	
Beckninical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Comparing interpretature min. 25 °C Operating interpretature min. 25 °C Additional condition temperature may depending on cable quality Important initiation notes Environmental characteristics of the connectors by suitable measures from mechanical loads. e.g. by the usage of cable des. Note on strain roll Protect the connectors by suitable measures from mechanical loads. e.g. by the usage of cable des. Conternity Environ: Observe the permissible bending forces. Product standard DIN EN 61076 2 101 (M12) Extendion: Genernity Cable identification 794 Jacket Color green Type of Curificate CPRus Cable identification 1 Standing 4 wires strond Filler twisted Cable shielding (type) cooper braid, finned Cable shielding (coverage) 85 % Barding Pues Wire arrangement white, yellow, blue, orange Cable shielding (type) So % The Thermission forces. Cable dentification FRE<	Coating locking	Nickeled
Mounting method inserted, screwed, Shaking protection Environmental characteristics (Climatic Operating temperature min. 25 °C Operating temperature max. 26 °C Common constitute temperature may depending on cable quality Important Installation notes Environmental constitute temperature may Note on starin relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fee. Note on bending radius Attention: Observe the pormissible bending radii when laying cables, as the IP protection claas can be advected by excessive bending for dei, set the IP protection claas can be definition on a suitable of the Staring	Locking material	Zinc die-casting
Environmental characteristics Climatto Operating temperature min. 28 °C Operating temperature maye 85 °C Additional condition temperature mage depending on cable quality Importan Installation notes 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 protoction class can be endangered by accessive bending forces. Conformity 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 protoction class can be endangered by accessive bending forces. Conformity Protect standard DIN EN 61076-2-101 (M12) Installation Cable Cable distilication 744 Jackel Colon green Type of Cartificate OURsis Amount stranding 1 Stranding 4 wires around Filter twested Cable shielding (coverage) 85 % Banding Fileer ys Weise around Filter twested Cable shielding (coverage) Cable shielding (coverage)	Mechanical data Mounting data	
Environmental characteristics Climatto Operating temperature min. 28 °C Operating temperature maye 85 °C Additional condition temperature mage depending on cable quality Importan Installation notes 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 protoction class can be endangered by accessive bending forces. Conformity 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 protoction class can be endangered by accessive bending forces. Conformity Protect standard DIN EN 61076-2-101 (M12) Installation Cable Cable distilication 744 Jackel Colon green Type of Cartificate OURsis Amount stranding 1 Stranding 4 wires around Filter twested Cable shielding (coverage) 85 % Banding Fileer ys Weise around Filter twested Cable shielding (coverage) Cable shielding (coverage)		inserted, screwed, Shaking protection
Operating temperature min. -25 °C Operating temperature max. B5 °C Additional condition temperature range depending on cable quality Important insibiliation notes Attention: Observo the permissible bending radii when laying cables, e.g. by the usage of cable files. Note on bending radius Attention: Observo the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Concrnity Protect landard Product standard DIN EN 61076-2:101 (M12) Basialization Cabbe Cable observation (M12) Cable identification 794 Jacket Coor green Type of Centricate URIs is Amount stranding 1 Stranding 4 wires around Filer twisted Cable shiekling (rope) copper braid, timed Cable shiekling (rope) copper braid, timed Cable shiekling (soverage) 85 % Banding Filer cadd Vire aroungement while, yellow, blue, orange Cable weigh 75.87 gm Material jacket PUR Shore horinesis placket 89 Shore A	-	
Operating temperature max. 85 °C Additional condition temperature maye depending on cable quality Important installation notes Note on stain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radus Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending tradii. Cable charification 794 Jacket Color green Type of Certificate cJRue Annount stranding 1 Stranding 4 wires around Filter twisted Cable shielding (type) copper braid, tinned Cable shielding (type) copper		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 brinding radus Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ondangered by excessive bending forces. Contornity Product standard DIN EN 61076-2-101 (M12) Installation (Cable Cable identification 794 Cable identification 794 Cable identification Type of Cartificate CUPus Cable cable identification Amount stranding 1 Stranding Stranding Cable shielding (coverage) 85 % Banding File Gable shielding (coverage) 85 % Stranding Stranding Filer yes Yes Cable shielding (coverage) 85 % Banding Files, yes Stranding Stranding Stranding Filer yes Yes Stranding		
Important installation notes Note on strain rollef 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 radiu when laying cables, as the IP protection class can be endingered by successive bending forces. Conformity Product Standard Product Standard DIN EN 61076-2-101 (M12) Installation (Cable Cable clantification Jacket Color green Type of Certificate CURus Amount stranding 1 Stranding 4 wires around Filler twisted Cable strictification 55 % Banding Fleece, Foil Filler yes wire arrangement white, yellow, blue, orange Cable weight 75.87 g/m Material jacket PUR Shore hardmess jacket 89 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Cable weight 75.87 g/m Material jacket 9 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
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 parmissible bending radiu when laying cables, as the IP protection class can be endangered by excessive bending forces. Contornity Product standard DIN EN 61076-2-101 (M12) Installation [Cable Contomity Product standard Protection class can be endangered by excessive bending forces. Contornity Product standard DIN EN 61076-2-101 (M12) Product standard Product standard Installation [Cable Contomity Product standard Product standard Product standard Product standard Amount standing 1 Stranding 4 4 Product standard Product standard streduct standa		depending on cable quality
Note on bending radius 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 Component of the standard DIN EN 61076-2-101 (M12) Installation Cable Component of the standard Class is distributed in the standard Zacket Color green Type of Cartficate CURus Amount stranding 1 Stranding Component of the strate and the st	Important installation notes	
Note of bolding radiusendangered by excessive bending forces.ContornityProduct standardDIN EN 61076-2-101 (M12)Installation (Cable)Cable identification794Cable identification794Jacket ColorgreenType of CertificatecuPfusAmount stranding1Stranding4 wires around Filler twistedCable shielding (type)copper braid, timedCable shielding (coverage)88 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable shielding (type)6.7 grmCabler shielding (taket)Bas Shore AFreedom from ingredients (tacket)6.9 Shore AFreedom from ingredients (tacket)6.7 smColor (timer jacket)5.5 %Material jacketFNCColor (timer jacket)4.4Outer diameter (tacket)1.5 %Colur diameter (tacket)2.5 %Colur diameter (tacket)2.5 %Colur diameter (tacket)1.5 % <th< td=""><td>Note on strain relief</td><td></td></th<>	Note on strain relief	
Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 794 Jacket Color green Type of Certificate CURus Amount stranding 1 Stranding 4 wires around Filler twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Fleece, Foil Filler yes wire arangement while, yellow, blue, orange Cable weigth 75,87 gim Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) 6,7 mm Tolerance outer diameter (sheath) ± 5 % Material jacket FRNC Color (inner jacket) white Material iner josket FSN m Culer diameter isulation 1,55 mm Culer diameter isulation 1,55 mm Culer diameter isulation 5 % Shore hardness wire insulation 5 % Shore hardness wire insulation 1,55 mm	Note on bending radius	
Installation Cable Cable identification 794 Jacket Color green Type of Certificate cURus Amount stranding 1 Stranding 4 wires around Filler twisted Cable shielding (type) coper braid, tinned Cable shielding (coverage) 85 % Banding Fleece, Foil Filler yes wire arrangement white, yellow, blue, orange Cable weigh 75.87 g/m Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) 6,7 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket FRNO Color (inner jacket) white Material inner jacket FRNO Color (inner jacket) # 4 Outer diameter tolarance core insulation ± 5 % Shore hardness wire insulation # 55 froe D Ingredient freneness wire insulation # 5 %	Conformity	
Cable identification794Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires around Filler twistedCable shielding (type)copper braid, tinnedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFilecce, FoilFilleryeswire arrangementwhile, yellow, blue, orangeCable weigth75,87 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)6,7 mmTolerance outer diameter (jacket)6,7 mmTolerance outer diameter (sheath) $\pm 5 \%$ Material jacketFRNCColor (inner jacket)whiteMaterial jacket9EAmount wires4Quter diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation $\pm 5 \%$ Material inner jacketFRNCColor (inner jacket) $\pm 5 \%$ Material inner jacketFRNCColor (inner insulation $\pm 5 \%$ Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation $\pm 5 \%$ Outer diameter tolerance score insulation $\pm 5 \%$ Outer diameter tolerance core insulation $\pm 5 \%$ Outer diameter tolerance core insulation $\pm 5 \%$ Diameter of single wires22 AWGConductor wireStanded copper wire, bareNomant strands (wire)7Diameter	Product standard	DIN EN 61076-2-101 (M12)
Cable identification794Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires around Filler twistedCable shielding (type)copper braid, tinnedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFilecce, FoilFilleryeswire arrangementwhile, yellow, blue, orangeCable weigth75,87 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)6,7 mmTolerance outer diameter (jacket)6,7 mmTolerance outer diameter (sheath) $\pm 5 \%$ Material jacketFRNCColor (inner jacket)whiteMaterial jacket9EAmount wires4Quter diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation $\pm 5 \%$ Material inner jacketFRNCColor (inner jacket) $\pm 5 \%$ Material inner jacketFRNCColor (inner insulation $\pm 5 \%$ Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation $\pm 5 \%$ Outer diameter tolerance score insulation $\pm 5 \%$ Outer diameter tolerance core insulation $\pm 5 \%$ Outer diameter tolerance core insulation $\pm 5 \%$ Diameter of single wires22 AWGConductor wireStanded copper wire, bareNomant strands (wire)7Diameter	Installation Cable	
Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires around Filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arangementwhite, yellow, blue, orangeCable weigth75,87 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)iead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,7 mmTolerance outer diameter (sheath)± 5 %Material inner jacketFRNCColor (inner jacket)whiteMaterial wire insulationPEArount wires4Outer diameter insulation1,55 mmOuter diameter insulation1,55 mmOuter diameter insulation1,55 mmOuter diameter insulation1,55 mmOuter diameter insulation6 Shore DIngredient Strandes wire insulation16 Shore DIngredient freeness wire insulation16 Shore DIngredient freeness wire insulation22 AWGConductor oriseschion (wire)22 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent toad capacity (standard)to DIN VDE 0298-4Current toad capacity (standard)to DIN VDE 0298-4Current toad capacity (standard)to DIN VDE 0298-4Current toad capacity (stand		794
Type of CertificateCURusAmount stranding1Stranding4 wires around Filler twistedCable shielding (type)copper braid, tinnedCable shielding (type)85 %BandingFilesce, FoilFilleryeswrier arrangementwhite, yellow, blue, orangeCable weight75,87 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,7 mmTolerance outer diameter (sheath) \pm 5 %Material inner jacketFRNCColor (inner jacket)whiteMaterial wire insulationPEAmount wires4Outer diameter insulation1,55 mmOuter diameter insulation65 Shore DIngredient freeness wire insulation65 Shore DIngredient freeness wire insulation165 Shore DIngredient freeness wire insulation185 Shore DIngredient freeness wire insulation182 AWGConductor orisesection (wire)22 AWGMaterial vingle wires22 AWGMaterial vingle wires22 AWGConductor vineStranded copper wire, bareNominal voltage AG max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8ACharacteristic impedance100 Ω ± 15 %		
Amount stranding1Stranding4 wires around Filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth75.87 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-tree, cadmium-free, CFC-tree, halogen-free, silicone-freeOuter-diameter (jacket)6.7 mmTolerance outer diameter (sheath) \pm 5 %Material wire insulationPEAmount wires4Outer diameter insulation1.55 mmOuter diameter tolerance or insulation1.55 mmOuter diameter insulation6.5 Shore DIngredient freeness wire insulation6.5 Shore DIngredient freeness wire insulation6.5 Shore DIngredient freeness wire insulation1.25 MMAmount strands (wire)7Diameter of single wires22 AWGConductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298.4Current load capacity (standard)to DIN VDE 0298.4Current load capacity min. wire4.5 %		-
Stranding 4 wires around Filler twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Banding Fleece, Foil Filler yes wire arrangement white, yellow, blue, orange Cable weigth 75,87 g/m Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) 6.7 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket FRNC Color (inner jacket) white Material wire insulation PE Arount wires 4 Outer diameter (learence core insulation 1.55 mm Outer diameter insulation 1.52 mm Outer diameter insulation 1.52 mm <t< td=""><td></td><td></td></t<>		
Cable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswrie arrangementwhite, yellow, blue, orangeCable weigth75,87 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket) $6,7$ mmTolerance outer diameter (sheath) $\pm 5 \%$ Material inner jacketFRNCColor (inner jacket)whiteMaterial wire insulationPEAmount wires4Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation 55 Shore DIngredient freeness wire insulation 65 Shore DIngredient freeness wire insulation 65 Shore DIngredient freeness wire insulation 65 Shore DIngredient freeness wire insulation 22 AWGConductor orsssection (wire) 22 AWGConductor wireStranded copper wire, bareNominal voltage AC max. $300 V$ Current load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire $4,8 A$ Characteristic impedance100 $\Omega \pm 15 \%$		
Cable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth75,87 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,7 mmTolerance outer diameter (sheath) \pm 5 %Material joner jacketFRNCColor (inner jacket)whiteMaterial inner jacketFRNCColor (inner insulationPEAmount wires4Outer diameter tolerance core insulation \pm 5 %Shore hardness wire insulation1.55 mmOuter diameter tolerance core insulation \pm 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulation \pm 5 %Shore hardness wire insulation \pm 5 %Mount strands (wire)7Diameter of single wires22 AWGConductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent toad capacity (standard)to IN VDE 0298-4Current toad capacity (standard)to IN VDE 15 %		
BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth75,87 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,7 mmTolerance outer diameter (sheath) \pm 5 %Material inner jacketFRNCColor (inner jacket)whiteMaterial vire insulationPEAmount wires4Outer diameter tolerance core insulation \pm 5 %Shore hardness wire insulation \pm 5 %Color (inner jacket) \pm 5 %Material wire insulationPEAmount wires4Outer diameter tolerance core insulation \pm 5 %Shore hardness wire insulation \pm 5 %Shore hardness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor wireStranded coper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity (min. wire4.8 ACharacteristic impedance100 \pm ± 15 %		
Filleryeswire arrangementwhite, yellow, blue, orangeCable weigth75,87 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,7 nmTolerance outer diameter (sheath) \pm 5 %Material inner jacketFRNCColor (inner jacket)whiteMaterial wire insulationPEAmount wires4Outer diameter tolerance core insulation \pm 5 %Shore hardness wire insulation1,55 mmOuter diameter tolerance core insulation65 Shore DIngredient freeness wire insulation165 Shore DIngredient freeness wire insulation1ead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor orxssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareMaterial conductor wireStranded copper wire, bareCourrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 ACharacteristic impedance100 $\Omega \pm$ 15 %		
write arrangementwrite, yellow, blue, orangeCable weigth75,87 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,7 mmTolerance outer diameter (sheath) \pm 5 %Material inner jacketFRNCColor (inner jacket)whiteMaterial wire insulationPEAmount wires4Outer diameter tolerance core insulation \pm 5 %Shore hardness wire insulation1,55 mmOuter diameter tolerance core insulation \pm 5 %Shore hardness wire insulation \pm 5 %Ingredient freeness wire insulation \pm 5 %Ingredient freeness wire insulation \pm 5 %Mount strands (wire)7Diameter of single wires22 AWGConductor orssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (in. wire4,8 ACharacteristic impedance100 $\Omega \pm$ 15 %		
Cable weight75,87 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,7 mmTolerance outer diameter (sheath) $\pm 5 \%$ Material inner jacketFRNCColor (inner jacket)whiteMaterial wire insulationPEAmount wires4Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation $\pm 5 \%$ Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation $\pm 5 \%$ Shore hardness wire insulation $\pm 5 \%$ Shore hardness wire insulation $\pm 5 \%$ Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation $\pm 5 \%$ Shore hardness wire insulation $b S hore D$ Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire $4,8 A$ Characteristic impedance100 $\Omega \pm 15 \%$	-	
Material jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket) $6,7 mm$ Tolerance outer diameter (sheath) $\pm 5 \%$ Material inner jacketFRNCColor (inner jacket)whiteMaterial wire insulationPEAmount wires4Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation $\pm 2 \%$ Ingredient freeness wire insulation $\pm 2 \%$ Shore hardness wire insulation $\pm 2 \%$ Shore hardness wire insulation $\pm 2 \%$ Ingredient freeness wire insulation $\pm 2 \%$ Diameter of single wires $22 AWG$ Conductor crossection (wire) $22 AWG$ Material conductor wireStranded copper wire, bareNominal voltage AC max. $300 V$ Current load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire $4,8 A$ Characteristic impedance $100 \Omega \pm 15 \%$		
Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 6,7 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket FRNC Color (inner jacket) white Material wire insulation PE Amount wires 4 Outer diameter tolerance core insulation 1,55 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 65 Shore D Ingredient freeness wire insulation 65 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 7 Diameter of single wires 22 AWG Conductor crossesection (wire) 22 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Characteristic impedance 100 Ω± 15 %		
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket) 6.7 mm Tolerance outer diameter (sheath) $\pm 5 \%$ Material inner jacketFRNCColor (inner jacket)whiteMaterial wire insulationPEAmount wires4Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation $\pm 5 \%$ Shore hardness wire insulation 65 Shore D Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor orosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire $4.8 A$ Characteristic impedance $100 \Omega \pm 15 \%$		
Outer-diameter (jacket) $6,7 \text{ mm}$ Tolerance outer diameter (sheath) $\pm 5 \%$ Material inner jacketFRNCColor (inner jacket)whiteMaterial wire insulationPEAmount wires4Outer diameter insulation $1,55 \text{ mm}$ Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation 65 Shore D Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire $4,8 A$ Characteristic impedance100 $\Omega \pm 15 \%$		
Tolerance outer diameter (sheath)± 5 %Material inner jacketFRNCColor (inner jacket)whiteMaterial wire insulationPEAmount wires4Outer diameter insulation1,55 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 ACharacteristic impedance100 Ω ± 15 %		
Material inner jacketFRNCColor (inner jacket)whiteMaterial wire insulationPEAmount wires4Outer diameter insulation1,55 mmOuter diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 ACharacteristic impedance100 $\Omega \pm 15 \%$		
Color (inner jacket)whiteMaterial wire insulationPEAmount wires4Outer diameter insulation1,55 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 ACharacteristic impedance100 Ω ± 15 %	,	
Material wire insulationPEAmount wires4Outer diameter insulation1,55 mmOuter diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation 65 Shore D Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 ACharacteristic impedance100 $\Omega \pm 15 \%$	· · · · · · · · · · · · · · · · · · ·	
Amount wires4Outer diameter insulation1,55 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 ACharacteristic impedance100 Ω ± 15 %		
Outer diameter insulation $1,55 \text{ mm}$ Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation 65 Shore D Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires 22 AWG Conductor crosssection (wire) 22 AWG Material conductor wireStranded copper wire, bareNominal voltage AC max. 300 V Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire $4,8 \text{ A}$ Characteristic impedance $100 \Omega \pm 15 \%$		
Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 ACharacteristic impedance100 $\Omega \pm 15 \%$		
Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 ACharacteristic impedance100 Ω ± 15 %		
Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 ACharacteristic impedance100 Ω ± 15 %		
Amount strands (wire) 7 Diameter of single wires 22 AWG Conductor crosssection (wire) 22 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Characteristic impedance 100 Ω ± 15 %		
Diameter of single wires 22 AWG Conductor crosssection (wire) 22 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Characteristic impedance 100 Ω ± 15 %		
Conductor crosssection (wire) 22 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Characteristic impedance 100 Ω ± 15 %	. ,	
Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Characteristic impedance 100 Ω ± 15 %		
Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Characteristic impedance 100 Ω ± 15 %	. ,	
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Characteristic impedance 100 Ω ± 15 %		
Current load capacity min. wire $4,8$ ACharacteristic impedance $100 \Omega \pm 15 \%$		
Characteristic impedance100 $\Omega \pm 15 \%$		
Electrical resistance line constant wire 55 12/Km @ 20 °C		
AC withstand voltage (wire - wire) 2 kV @ 60 s	- · · ·	-
Electrical capacity line constant (wire - wire) 52000 pF/km		52000 pF/KM
Power frequency withstand voltage (wire - 2 kV @ 60 s		2 kV @ 60 s

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: 2024-05-18

Murrelektronik GmbH | Office Park 4, 4.OG/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at



AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
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)	6 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter

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: 2024-05-18

Murrelektronik GmbH | Office Park 4, 4.OG/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at