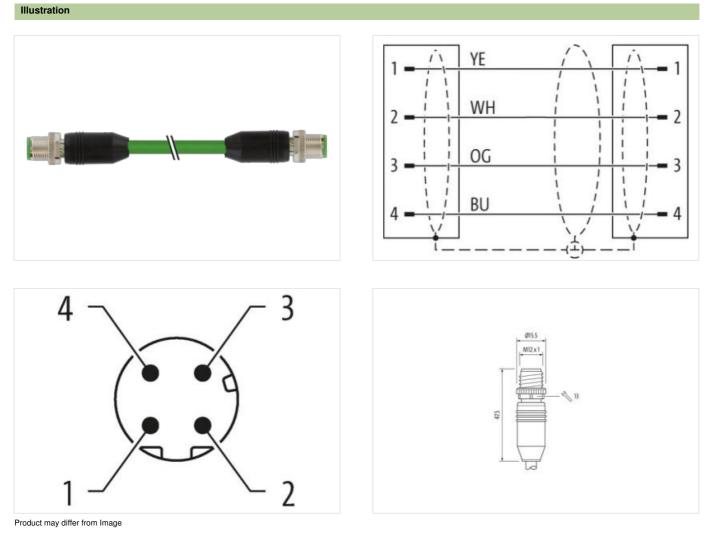


## M12 male 0° / M12 male 0° D-cod. shielded

PUR 1x4xAWG22 shielded gn UL/CSA 1.5m

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

1,5 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

Tiphenional08 NmMouning methodinsutro servedMouning methodM12Tanka during	Side 1	
Meaning method     matted, scrowed       Family construction form     M12       Tread     M12 × 1       Cable cutlet     straget       Cable cutlet     straget       Cable cutlet     PUR       No. of poles     4       Width across flats     SW13       Degree of protection (EN EC 60528)     PD6, PEOK, PB7       Stafe Z     T       Topfishing forsque     G.S. Nn       Maunting method     inserted, scrowed       Thread     M12 × 1       Cable cutlet     straget       Degree of protection (EN EC 0052)     PD4       Commercial data     Str33       Degree of protection (EN EC 0053)     PD5       ECLASS no     27060307       ECLASS no     27060307       ECLASS no     270603	Tightening torque	0,6 Nm
Thread     M12 x 1       Cade outlet     straight       Cade outlet     straight       Cade outlet     straight       Cade outlet     PUR       No. st poles     4       With across fiels     SPK13       Degree of protection (EN IEC 60269)     IPES, IPEG/LEPG7       Side 2     Thread       Mauring method     insarted. screwed       Family construction form     M12       Thread     M12 x 1       Cable outlet     straight       Coding     O       Maderial     PUR       No. of poles     4       With across fiels     SW13       Degree of protection (EN IEC 60529)     IPES, IPEGK, IPE7       Commercial data     SUP13       Degree of protection (EN IEC 60529)     IPES, IPEGK, IPE7       Conscretal data     SUP13       Degree of protection (EN IEC 60529)     IPES, IPEGK, IPE7       Conscretal data     SUP13       ECLASS A.0     27060307       ECLASS A.0     27060307       ECLASS A.0     27060307 <t< td=""><td></td><td>inserted, screwed</td></t<>		inserted, screwed
Cade cuilet     straight       Cading     D       No. of polas     4       With across files     SW13       Degree of protection (EN IEC 00528)     IP85. IP86K, IP87       State     Fullemanna       Typhering force     0.8 Nn       Mounting method     inserted. screwed       Family construction form     M12       Thread     M12 x 1       Cadio cuilet     9 anglit       Oxiding     D       Material     M12 x 1       Cadio cuilet     9 anglit       Oxiding     D       Material     9 UR       No. of olds     4       With across filts     SW13       Degree of protection (EN IEC 60529)     IP65. IP65K, IP67       Commercial data     SW13       ECLASS 6.0     27061801       ECLASS 6.1     27060307       ECLASS 6.0     27060307       ECLAS	Family construction form	M12
Ording     D       Material     PUR       No. of poles     4       With acoss flats     SW13       Degree of protection (EN IEC 6029)     IPES, IP68K, IP67       Side 2     T       Tightening torque     0.8 Nm       Muuling method     Insertod, screwold       Family construction form     M12       Tricaid     M12 x 1       Cablo cubit     straight       Coding     O       Material     PUR       No. of poles     4       With acoss flats     SW13       Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Commercial data     SW13       ECLASS 4.0     27068307       ECLASS 4.1     27068307       ECLASS 4.1     27069307       ECLASS 4.0     27069307       ECLASS 4.0     27069307       ECLASS 4.1     27069307       ECLASS 4.1 </td <td>Thread</td> <td>M12 x 1</td>	Thread	M12 x 1
Material     PUR       No. of pola     4       Work across fists     SW13       Degree of protection (EN IEC 60520)     PE5, IP66K, IP67       Side 2     Tythoning torque       Tythoning torque     0.6 Nm       Mourting method     inserted, sorewad       Family construction form     M12       Thread     M12 x 1       Cable aufel     atraight       Cading oufel     4       Width across finats     SW13       Degree of protection (EN IEC 60529)     PE5, IP66K, IP67       Commercial of     PUR       No. of poles     4       Width across finats     SW13       Degree of protection (EN IEC 60529)     PE5, IP66K, IP67       Commercial of PUR     27060307       ECLASS-6.0     27060307       ECLASS-6.0     27060307       ECLASS-7.0     27060307       ECLASS-1.1     27060307       ECLASS-1.1     27060307       ECLASS-1.0     27060307       ECLASS-1.0     27060307       ECLASS-1.1     27060307       ECLA	Cable outlet	straight
No. of poles     4       Work access flats     SW13       Degree of protection (EN IEC 60529)     IP65, IP67, IP67       Side 2     0.6 Nm       Mounting method     inserted, sortward       Family construction form     M12       Thread     M12 x 1       Cable outfet     straight	Coding	D
Width across flats     SW13       Dagree of protection (EN IEC 60529)     IP65, IP66K, IP67       Side 2     Tightening torque     0,8 Nm       Mounting method     inserted, serewed       Family construction form     M12       Tread     M12 x 1       Cable outlet     et night       Cadie outlet     et night       Cadie outlet     et night       Odding     D       Material     PUR       No. of poles     4       Width across flats     SW13       Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Commercial data     SW13       Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Commercial data     SW13       ECLASS-6.0     27061801       ECLASS-6.1     27060007       ECLASS-6.0     27060007       ECLASS-7.0     27060007       ECLASS-1.1     27060007       ECLASS-1.1     27060007       ECLASS-1.1     27060007       ECLASS-1.1     27060007       ECLASS-1.1     27060007  <	Material	PUR
Degree of protection (EN IEC 60529)     IP65, IP667, IP67       Side 2     Parily conjust (En IEC 60529)     A M       Mounting method     inserted, sortward     Mathematical (Sortward)       Family construction form     M12 X 1     Calie outlet     Straight       Cadie outlet     straight     Cadie outlet     Straight       Cading     D     Material     PUR       No. of poles     4     Mounting method     Material       With aronse finds     SW13     Degree of protection (EN IEC 80528)     IP65, IP66K, IP67       Commercial data     ECLASS-6.0     27061801     ECLASS-7.0	No. of poles	4
Side 2 Cplening torque 0.6 Nm   Mouning method inserted, screwed   Family construction form M12   Tread M12 N1   Cable cullet straight   Coding 0   Material PUR   No. of poles 4   Widm across fata SW13   Degree of protection (EN EC 60529) IP65, IP66K, IP67   Commercial Ede ECLASS-6.0   27060307 ECLASS-6.1   ECLASS-6.0 27061801   ECLASS-6.0 27060307   ECLASS-7.0 27060307   ECLASS-7.0 27060307   ECLASS-8.0 27060307   ECLASS-7.0 ECOMERCIA   ECLASS-7.0 ECOMERCIA   EQLASS-1.0		SW13
Tiphening torque     0.6 Nm       Mounting method     inserted, screwed       Family construction form     M12       Thread     M12 x 1       Cable outlet     straight       Cable outlet     straight       Cable outlet     straight       Cading     D       Material     PUR       No. of poles     4       With across fatas     SW13       Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Commercial data     27060307       ECLASS-6.0     27060307       ECLASS-7.0     27060307       ECLASS-8.0     27060307       ECLASS-9.0     27060307       ECLASS-10.1     27060307       ECLASS-10.1     27060307       ECLASS-10.1     27060307       ECLASS-11.1     27060307       ECLASS-10.1     27060307       ECLASS-10.1     27060307       ECLASS-10.1     27060307       ECLASS-10.1     27060307       ECLASS-10.1     27060307       ECLASS-10.1     27060307	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Mounting method     inserted, screwed       Family construction form     M12       Thread     M12 x 1       Cable outlet     straight       Cading     D       Material     PUR       No. of poles     4       Width across flats     SW13       Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Commercial data     E       ECLASS 6.0     27061801       ECLASS 6.1     27060307       ECLASS 6.1     27060307       ECLASS 7.0	Side 2	
Family construction form     M12       Thread     M12 x 1       Cable outlet     straight       Coding     D       Material     PUR       No. of poles     4       Width across flats     SW13       Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Commercial data     E       ECLASS-6.0     27061901       ECLASS-6.0     27060307       ECLASS-8.0     27060307       ECLASS-8.1.1     27060307       ECLASS-8.2     27060307       ECLASS-8.1.3     27060307       ECLASS-8.1.4     27060307       ECLASS-8.1.5     27060307       ECLASS-8.1.6     ECOUSE99       oustoms tatiff number     854:4290       GTIN     40489792280306       Packaging un	Tightening torque	0,6 Nm
Thread     M12 x 1       Cable outlet     straight       Cable outlet     straight       Coding     D       Material     PUR       No. of poles     4       With across flats     SW13       Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Commercial data     E       ECLASS 6.0     27061801       ECLASS 7.0     27060307       ECLASS 8.1     27060307       ECLASS 8.0     27060307       ECLASS 8.0     27060307       ECLASS 8.1.1     27060307       ECLASS 8.1.2     27060307       ECLASS 8.1.1     27060307       ECLASS 9.1.1     270600307       ECMASS 1.1.1 </td <td>Mounting method</td> <td>inserted, screwed</td>	Mounting method	inserted, screwed
Cable outlet     straight       Coding     D       Material     PUR       No. ot poles     4       With across flats     SW13       Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Commercial data     ECLASS-6.0     27061801       ECLASS-6.0     27069307     ECLASS-7.0       ECLASS-7.0     27069307     ECLASS-7.0       ECLASS-7.0     27069307     ECLASS-7.0       ECLASS-7.0     27069307     ECLASS-7.0       ECLASS-7.0     27069307     ECLASS-7.0       ECLASS-7.0.1     27069307     ECLASS-7.0       Cuass tariff number     8544290     Ecutast and support and the accuration and	Family construction form	M12
Coding     D       Material     PUR       No. of poles     4       Widh across flats     SW13       Degree 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-8.0     27060307       ECLASS-10.1     27060307       ECLASS-10.2     27060307       ECLASS-10.1     27060307       ECLASS-12.0	Thread	M12 x 1
Material     PUR       No. of poles     4       No. of poles     4       Witch across flats     SW13       Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Commercial data     ECLASS-6.0     27061801       ECLASS-6.0     27061801     ECLASS-7.0     27060307       ECLASS-7.0     27060307     ECLASS-8.0     ECLASS-8.0     ECLASS-8.0       ECLASS-8.0     27060307     ECLASS-1.0     27060307       ECLASS-10.1     27060307     ECLASS-1.0     ECLASS-1.0       ECLASS-10.1     27060307     ECLASS-1.0     ECLASS-1.0       ECLASS-10.1     27060307     ECLASS-1.0     ECCASS-1.0       ECLASS-10.1     27060307     ECLASS-1.0     ECCASS-1.0       ECLASS-10.1     27060307     ECLASS-1.0     ECCASS-1.0       ECLASS-10.1     27060307     ECLASS-1.0     ECLASS-1.0       ECLASS-10.1     27060307     ECLASS-1.0     ECCASS-1.0       ECLASS-10.1     27060307     ECLASS-1.0     ECCASS-1.0       Declass Eclass D     5444290     ECCASS-1.0	Cable outlet	straight
No. of poles     4       Width across flats     SW13       Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Commercial data     E       ECLASS-6.0     27061801       ECLASS-6.1     27060307       ECLASS-8.0     27060307       ECLASS-8.0     27060307       ECLASS-8.0     27060307       ECLASS-8.0     27060307       ECLASS-8.0     27060307       ECLASS-1.1     27060307       ECLASS-1.1     27060307       ECLASS-1.1     27060307       ECLASS-1.2.0     27060307       ECLASS-1.1     27060307       ECLASS-1.2.0     E7060307       ECLASS-1.1     27060307       ECLASS-1.1     27060307       EctaSS-1.1	Coding	D
Widh across flats     SW13       Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Commercial data     ECLASS 6.0       ECLASS 6.0     27061801       ECLASS 6.1     27060307       ECLASS 8.0     27060307       ECLASS 9.0     ECO2599       customs tariff number     85444290       GTIN     4048879328036 <td< td=""><td>Material</td><td>PUR</td></td<>	Material	PUR
Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Commercial data     ECLASS-6.0     27061801       ECLASS-6.0     27060307     ECLASS-7.0     27060307       ECLASS-7.0     27060307     ECLASS-9.0     27060307       ECLASS-9.0     27060307     ECLASS-9.0     ECLASS-9.0       ECLASS-1.1     27060307     ECLASS-1.1     27060307       ECLASS-1.1     27060307     ECLASS-1.1     27060307       ECLASS-1.1     27060307     ECLASS-1.1     27060307       ECLASS-1.1     27060307     ECLASS-1.0     27060307       ECLASS-1.1     27060307     ECLASS-1.0     27060307       ECLASS-1.0     27060307     ECLASS-1.0     ECMASS-1.0       ECLASS-1.1     27060307     ECLASS-1.0     ECLASS-1.0       ECLASS-1.0     27060307     ECLASS-1.0     ECMASS-1.0       ECLASS-1.1     27060307     ECMASS-1.0     ECMASS-1.0       ECLASS-1.0     27060307     ECMASS-1.0     ECMASS-1.0       ECMASS TAS     ECMASS-2.0     27060307     ECMASS-1.0       EVENTY	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-9.0     27060307       ECLASS-10.1     27060307       ECLASS-10.1     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ETIM-5.0     EC002599       customs tariff number     85444290       GTIN     4048973928036       Packaging unit     1       Electrical data   Supply        Operating voltage DC max.     60 V       Current operating per contact max.     1,5 A       Industrial communication        Transfer parameters     CATSe, Class D (ISO/IEC 11801:2002), (EN 50173-1)       Data transmission rate max.     100 MBit/s       Industrial communication   Elternet functionality        duplex     Full duplex       Pavice protection   Electrical screwed        Degree of protection protection degree		SW13
ECLASS 6.0     27061801       ECLASS 7.0     27060307       ECLASS 7.0     27060307       ECLASS 7.0     27060307       ECLASS 8.0     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 11.1     27060307       ECLASS 12.0     27060307       ECLASS 12.0     27060307       ECLASS 12.0     27060307       ECLASS 11.1     27060307       ECLASS 12.0     27060307       ECLASS 12.0     27060307       ECLASS 12.0     27060307       ECLASS 12.0     27060307       Ectass 12.1     1706037       Gurion 12     270603	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-9.0     27060307       ECLASS-10.1     27060307       ECLASS-10.2     27060307       ECLASS-10.1     27060307       ECLASS-10.0     27060307       ECLASS-10.0     27060307       ECLASS-10.0     EC002599       customs tariff number     8544290       GTIN     4048879328036       Packaging unit     1       Etectrical data   Supply     User ating per contact 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     Iduplex       Degree of protection (E HEC 60529)     IP65, IP67, IP66K       Additional condition protection degree     inserted, screwed       Pollution Degree     3	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-12.0     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ETM-5.0     EC002599       customs tariff number     85444290       GTIN     4048979328036       Packaging unit     1       Electrical data   Supply        Operating voltage DC max.     60 V       Current operating per contact max.     1,5 A       Industrial communication        Transfer parameters     CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)       Data transmission rate max.     100 MBit/s       Industrial communication   Ethernet functionality        duplex     Full duplex       Degree of protection   Electrical        Degree of protection degree     3       Rated surge voltage     1,5 kV       Material gro	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       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ECLASS-11.1     27060307       ECLASS-12.0     27060307       Ecustsized     2000       Curster tarministion     ECuster tarministion       Industrial communication     1.5 A       Industrial communication   Elethernet functionality     100 MBit/s       Industrial communication   Elethernet functionality     100 MBit/s       Degree of protection   Electrical     200 <	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       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ECLASS-11     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ECLASS-12.0     27060307       ECLASS-11.1     27060307       ECLASS-11.0     27060307       ECLASS-11.1     27060307       Ectass Diff Under Status     500       GTIN     4048879328036       Packaging unit     1       Electrical data   Supply     Operating voltage DC max.       Operating voltage DC max.     60 V       Current operating voltage     1,5 A       Industrial communication     Italia transmission rate max.       Industrial communication   Electrical     Ital uplex       Degree of protection   Electrical     Ital uplex	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     4048879328036       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     Transfer parameters       Transfer parameters     CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)       Data transmission rate max.     100 MBit/s       Industrial communication   Ethernet functionality     duplex       Degree of protection   Electrical     Degree of protection (EN IEC 60529)       Defs. IP67, IP66K     Additional condition protection degree       Pollutin Degree     3       Rated surge voltage     1,5 KV       Material group (IEC 60664-1)     I       Meterial group (IEC 60664-1)     I	ECLASS-8.0	27060307
ECLASS-11.1     27060307       ECLASS-12.0     27060307       ETIM-5.0     EC002599       customs tariff number     85444290       GTIN     4048879328036       Packaging unit     1       Electrical data   Supply     Operating per contact 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       Industrial communication   Ethernet functionality       duplex     Full duplex       Degree of protection   Electrical       Degree of protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 KV       Material group (IEC 60664-1)     1       Mechanical data     Image: Screwed	ECLASS-9.0	27060307
ECLASS-12.0   27060307     ETIM-5.0   EC002599     customs tariff number   85444290     GTIN   4048879328036     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 functionality   4uplex     Device protection   Electrical   Poll duplex     Periode 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     Meterial group (IEC 60664-1)   1	ECLASS-10.1	27060307
ETIM-5.0   EC002599     customs tariff number   85444290     GTIN   4048879328036     Packaging unit   1     Electrical data   Supply      Operating voltage DC max.   60 V     Current operating per contact max.   1,5 A     Industrial communication      Transfer parameters   CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)     Data transmission rate max.   100 MBit/s     Industrial communication   Ethernet functionality      duplex   Full duplex     Degree of protection   Electrical      Degree of protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   1     Metrial group (IEC 60664-1)   1	ECLASS-11.1	27060307
customs tariff number85444290GTIN4048879328036Packaging 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 duplexDevice protection   ElectricalDegree of protection (EN IEC 60529)IP65, IP67, IP66KAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMeterial group (IEC 60664-1)IIndustrial communication   Ethernet InclinationIndustrial component in the inserted screwedDegree3Cateral group (IEC 60664-1)IInternation Degree1,5 kVInternation IEC 60664-1)IInternation IEC 60664-1)I	ECLASS-12.0	27060307
GTIN   4048879328036     Packaging unit   1     Electrical data   Supply   Operating voltage DC max.   60 V     Current operating per contact max.   1,5 A     Industrial communication   Transfer parameters   CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)     Data transmission rate max.   100 MBit/s     Industrial communication   Ethernet functionality     duplex   Full duplex     Device protection   Electrical     Degree of protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   I	ETIM-5.0	EC002599
Packaging unit   1     Electrical data   Supply   00     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     Pevice protection   Electrical     Degree of protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   1     Meterial data   1	customs tariff number	85444290
Electrical data   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   Ethernet functionality   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)   1     Mechanical data   III duplex	GTIN	4048879328036
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   Industrial communication   Ethernet functionality     duplex   Full duplex     Degree of protection   Electrical   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 duplex	Packaging unit	1
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	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   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   IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Operating voltage DC max.	60 V
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     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   IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		1,5 A
Transfer parametersCAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)Data transmission rate max.100 MBit/sIndustrial communication   Ethernet functionalityduplexFull duplexDevice protection   ElectricalDegree of protection (EN IEC 60529)IP65, IP67, IP66KAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial 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		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		
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		
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     Mechanical data   IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		Full duplex
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	Degree of protection (EN IEC 60529)	IP65, IP67, IP66K
Rated surge voltage 1,5 kV   Material group (IEC 60664-1) I   Mechanical data IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1) I Mechanical data	Pollution Degree	3
Mechanical data	Rated surge voltage	1,5 kV
Mechanical data	Material group (IEC 60664-1)	
		without
	Contour for corrugated hose	maroat

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## Mechanical data | Material data

Mechanical data   Material data	
Coating locking	Nickeled
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 range	depending on cable quality
1 0	
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	
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 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
Amount wires	4
Outer diameter insulation	1,55 mm
Outer diameter tolerance core insulation	±5%
Shore hardness 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 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 %
Electrical resistance line constant wire	55 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electrical capacity line constant (wire - wire)	52000 pF/km
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s

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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

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