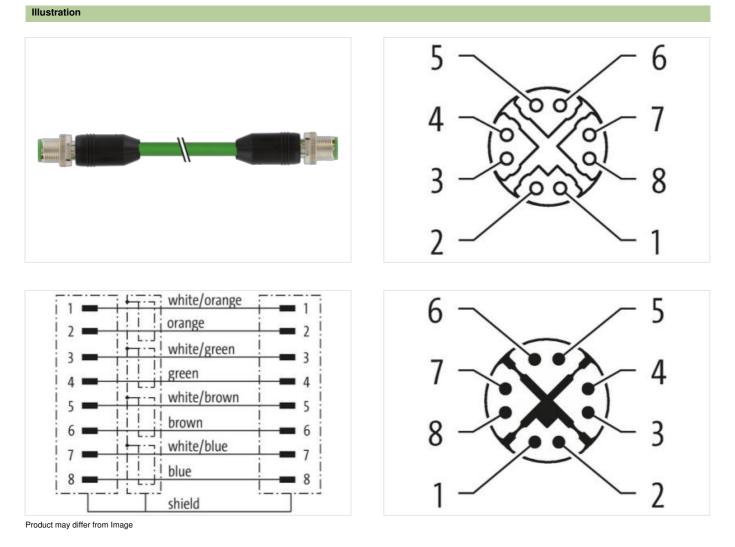


M12 male 0° / M12 male 0° X-cod. shielded

PUR 4x2xAWG24 shielded gn UL+drag ch. 50m

Male straight - male straight M12 - M12, 8-pole X-coded Shielded with cable sleeves maximum length for channel transmission corresponds to 45m Good chemical and oil resistance (oil resistance does not apply to use with PVC cable) The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product



Cable length	50 m	
Side 1		
Tightening torque	0,6 Nm	
Mounting method	inserted, screwed	
Coating contact	gold plated	

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: 2024-05-19



Thread M12 x 1 autable for conguted lube (intenni 0) 12 mm Solids outet sraight Solids outet sraight Meetal contact Copper alloy No. of poles 9 Witch across Eas SW13 Degree of protection (EN IEC 6052e) IP65, IP67 Store Thread Thread outer (EN IEC 6052e) IP65, IP67 Store Thread outer (EN IEC 6052e) Thread outer (EN IEC 6052e) IP65, IP67 Store gold photed Thread Number (EN IEC 6052e) IP67, IP67 Store (En IEC 6057e) IP67 Store (En IEC 6057e) IP67 Collang contact gold photed Straight Contage outer (EN IEC 6057e) Degree of polotion (EN IEC 6057e) IP67 Contage outer (EN IEC 6057e)	Family construction form	M12
saidable for corrugated tube (internal 6); 12 mm Cable outlet straight Cable outlet straight Cable outlet straight Cable outlet straight Cable outlet straight Straig		
Cable outlet straight Coding X Coding X No. of poles 8 Work ancos fits SW13 Degree of protection (EN IEC 6029) IP65, IP67 Side 2 Tiptheming torque Outling method inserted, sorewed Ocaling contact gold plotd Family method inserted, sorewed Ocaling contact gold plotd Family construction form M12 Thread M12 x 1 Satable for construction form M12 x 1 Catable contact Coppor alloy No. of poles 8 Worth across fitals SW13 Degree of protection (EN IE 60229) IP65, IP67 Commercial data Coppor alloy Construction (EN IE 60229) IP65, IP67 Commercial data Coppor alloy Coll Solids 8 Worth across fitals SW13 Degree of protection (EN IE 60307) EECLASS-6.0 ECLASS-10.1 27060307 ECLASS-10.1 <		
Cading X Manaria contact Copper alloy Nor opies 8 With acoss lists SW13 Deprice of protection (EN IEC 5025) IP55, IP67 Side 2 Tiphening torque 0.6 Nn Mouning method Inserted, serwend Cading contact gold plated Family construction form M12 Timed M12.1 Side control State servend Cading contact gold plated Cading contact M12.1 Side conter straight Cading contact Copper alloy National contact Copper alloy National contact Copper alloy Virith acoss flats SW13 Degree of protection (EN IEC 6052) IP55, IP67 Commercial data 27060307 ECLASS 0.0 27060307 ECLASS 1.0 27060307 ECLASS 1.0 27060307 ECLASS 2.0 27060307 ECLASS 2.1 27060307 ECLASS 3.1.1 </td <td></td> <td></td>		
Material contact Copper allay No. of poles 8 With across flats SW13 Degree of protection (EN EC 0529) IPES, IPE7 Side 2 Tiphoning forque Collaring contact Gel Participant Tiphoning forque O.S Nm Mounting method inserted, screwed Collaring contact Gel Participant Timead M12 Timead M12 × 1 Stable for Concugated Lube (internal 0) 12 mm Cacile authet et raight Colaring contact Copper alloy No. of poles 8 With across flats SW13 Degree of protection (EN EC 0529) IP65, IP67 Connectial data Copper alloy Vich across flats SW13 Degree of protection (EN EC 0529) IP65, IP67 Connectial data ECLASS 4.0 ECLASS 5.0 27061801 ECLASS 5.0 27061801 ECLASS 5.0 27060307 ECLASS 5.0 27060307 ECLASS 5.1		
No. of poles 8 With across flats SW13 Degree of protectine (FN LEG 06289) IPES, IPE7 Side 2	-	
With access flats WH3 Degree of protection (EN IEC 60529) IP66, IP67 Stde 2 Tightening torque 0,6 Nm Mounting method inserted, accewed Coating contact gold plated Family construction form M12 Tresd M12 x 1 sultable for corrugated tube (internal 0) 12 mm Catio coutiat straight Res of protection (EN IEC 60529) IP65, IP67 Commercial data Straight CatASS-6.0 27061307 ECLASS-6.1 27060307 ECLASS-6.0 27060307 ECLASS-7.0 27060307 ECLASS-7.0 <		
Degree of protection (EN IEC 60529) IP65, IP67 Side 2 Tiphishing torque 0.6 Nm Munting method inserted, screwed Conting contact god plated Family construction form M12 Times Contant construction form M12 Thread M12 x 1 Screwed Contant construction form M12 Contant construction form M12 x 1 Screwed Contant construction form Contat c		
Sile 2 Iphotonip corque 0.6 Nm Tiphotonip corque 0.6 Nm Coating contact gold plated Coating contact inform M12 Timed M12 x 1 suitable for corrupated tube (internal 0) 12 rm Cable outlet straight Coalse outlet straight Cable outlet		
Taphening lorque 0.6 km Mourting method Inserted. screwed Cataling construction form M12 Family construction form M12 x1 Suitable for corrugated tube (internal Ø) 12 mm Catale contel straight Coding on M12 x1 Straight With across fills Straight With across fills Straight Commercial dats Straight ECLASS 4.0 27060807 ECLASS 4.0 27060807 ECLASS 4.0 27060807 ECLASS 4.0.1 27060807		IF 03, IF 07
Mouning method inserted, screwed Coating contact gold plated Frainly construction form M12 Thread M12 x 1 suitable for corrugated tube (internal 0) 12 mm Cable outlet straight Coding X Material contact Copper alloy No. of poles 8 With across flats SW13 Degree of protection (EN IEC 60528) IP65, IP67 Commercial dat Commercial Context ECLASS-6.0 27061801 ECLASS-6.0 27060307 ECLASS-6.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-8.1 27060307 ECLASS-8.1.1 27060307 ECLASS-8.1.1 27060307 ECLASS-8.1.1 27060307 ECLASS-8.1.1 27060307 ECLASS-8.1.1 27060307 ECLASS-8.1.1 27060307 ECLASS-8.1.2 27060307 ECLASS-8.1.1 27060307 ECLASS-8.1.2 <td>Side 2</td> <td></td>	Side 2	
Coaling contact gold plaided Family construction form M12 x 1 Suitable for corrugated tube (internal 0) 12 mm Cable outlet straight Cable outlet straight Cable outlet straight Cable outlet straight Cable outlet Corper alloy Material contact Copper alloy No. of poles 8 With across flata SW13 Dagree of protection (EN IEC 60529) IP65, IP67 Commercial data 27061801 ECLASS 6.0 27061801 ECLASS 6.1 27060307 ECLASS 6.0 27060307 ECLASS 7.0 27060307 ECLASS 7.0 27060307 ECLASS 7.1 27060307 ECLASS 7.2 27060307 ECLASS 7.2 27060307 ECLASS 7.1 27060307 ECLASS 7.2 27060307 ECLASS 7.2 27060307 ECLASS 7.2 27060307 ECLASS 7.2 27060307 ECLASS 7.1	Tightening torque	-
Family construction form M12 Thread M12 x 1 subable for corrupated tube (internal 0) 12 mm Cable outlet straight Cadine outlet straight Cadine outlet Straight Cadine outlet Straight Cadine outlet Copper alloy No. of poles 8 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP67 Commercial data ECIASS-6.1 ECIASS-6.1 27063097 ECIASS-7.0 27060307 ECIASS-8.0 27060307 ECIASS-9.0 27060307 ECIASS-9.0 27060307 ECIASS-11.1 27060307 ECIASS-12.0 27060307 ECIASS-13.1 27060307 ECIASS-10.1 27060307 ECIASS-12.0 27060307 ECIASS-12.0 27060307 ECIASS-10.1 27060307 ECIASS-10.1 27060307 ECIASS-12.0 27060307 ECIASS-12.0 27060		
Thread M12 x 1 suitable for corrugated tube (internal 0) 12 mm Cable outlet straight Cading X Material contact Cooper alloy No. of poles 8 Width across Itals SW13 Dagree of protection (EN IEC 60529) IP65. IP67 Commercial data 27061801 ECLASS-6.0 27060307 ECLASS-6.1 27060307 ECLASS-6.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0.1 27060307 ECLASS-8.0.2 27060307 ECLASS-8.1.1 27060307 ECLASS-8.0.0 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1.1 27060307 ECLASS-1.2.0 27060307 ECLASS-1.1.1 27060307 ECLASS-1.2.0 27060307 ECLASS-1.1.1 27060307		gold plated
suitable for corrugated lube (internal O) 12 mm Cable oullet straight Cable oullet straight Cadio quitable Straight Cadio quitable for corrugated lube (internal O) X Material contact Copper alley No. of poles 6 With arcoss faitable SW13 Degree of protection (EN IEC 60529) IP65, 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-1.2.0 27060307 ECLASS-1.1 27060307 ECLASS-1.2.0 27060307 ECLASS-1.1.1 27060307 ECLASS-1.2.0 27060307 ECLASS-1.0.1 27060307 ECLASS-1.0 27060307 ECLASS-1.0 27060307 ECLASS-1.0 27060307 ECLASS-1.0 27060307 ECLA	Family construction form	M12
Cable outlet straight Coding X Coding X Material contact Copper alloy No. of poles 8 With across flats SW13 Degree of protection (EN IEC 60529) IP65, IP67 Commercial dat Commercial Contact ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-7.0 27060307 ECLASS-7.0 27060307 ECLASS-7.0 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-1.2 27060307 ECLASS-1.0 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.1	Thread	M12 x 1
Coding X Material contact Copper alloy No. of poles 8 With across flats SW13 Degree of protection (EN IEC 60529) IP65, IP67 Commercial data ECLASS 6.0 ECLASS 6.1 27060307 ECLASS 6.1 27060307 ECLASS 6.0 27060307 ECLASS 6.1.1 27060307 ECLASS 6.1.2 27060307 ECLASS 6.1.1 27060307 ECLASS 6.0 E7060307 ECLASS 7.0 27060307 ECLASS 7.0 27060307 ECLASS 7.0 E7060307 ECLASS 7.0 E7060307 ECLASS 7.0 E7060307 ECLASS 7.0 E7060307 ECLASS 7.0	suitable for corrugated tube (internal \emptyset)	12 mm
Material contact Copper alloy No. of poles 8 Widh across flata SW13 Degree of protection (EN IEC 60529) IP65, IP67 Commercial data 27061801 ECLASS 6.0 27061801 ECLASS 7.0 27060307 ECLASS 8.0 27060307 ECLASS 8.0 27060307 ECLASS 8.0 27060307 ECLASS 8.0 27060307 ECLASS 8.1 27060307 ECLASS 8.1.1 27060307 ECLASS 8.1.2 27060307 ECLASS 8.1.0 27060307 ECLASS 8.1.0 27060307 ECLASS 8.1.0 27060307 ECLASS 8.1.0 EC001855 customs tariff number 85444290 GTIN 4048879834681 Packaging unit 1 Electrical tariff suppt U Operating voltage AC max. 50 V Operating voltage AC max. 60 V Operating voltage AC max. 0.5 A Industrial Communication I Industrial Communic	Cable outlet	straight
No. of poles 8 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP67 Commercial data E ECLASS-6.0 27061801 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-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-13.1 27060307 ECLASS-14.0 27060307 ECLASS-15.0 EC001885 causoms tariff number 8544290 GTIN 4048279834681 Packaging unit 1 Eletrical data supply Operating voltage AC max. Operating voltage AC max. 0.5 A Industrial communication Industriat communication Transfer para	Coding	X
Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP67 Commercial data ECLASS 6.0 ECLASS 6.0 27061801 ECLASS 6.1 27060307 ECLASS 7.0 27060307 ECLASS 6.1 27060307 ECLASS 7.0 EC001855 customs taiff number 8544290 GTIN 404879834681 Packaging unit 1 Electrical data Supply	Material contact	Copper alloy
Degree of protection (EN IEC 60529) IP65, IP67 Commercial data ECLASS-6.0 27061801 ECLASS-6.0 27060307 ECLASS-7.0 27060307 ECLASS-7.0 27060307 ECLASS-8.0 ECLASS-8.0 ECLASS-8.0 ECLASS-8.0 ECLASS-8.0 ECLASS-9.0 ECLASS-9.0 ECLASS-9.0 ECLASS-1.1 ECLASS-1.1 27060307 ECLASS-1.1 ECLASS-1.1 ECCASS-1.0 ECO01807 ECLASS-1.1 ECO180307 ECLASS-1.1 ECO180307 ECLASS-1.1 ECO180307 ECLASS-1.0 ECO01805 ECO1805 ECO180307 ECO180307 ECO180307 ECO1805	No. of poles	8
Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 ECO01855 cuatoms tariff number 85444290 GTIN 4048879834681 Packaging unit 1 Electrical data [Suppiy Electrical data [Suppiy Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage DC max. 60 V Operating voltage DC max. 0.5 A Industrial communication Electrical data [Suppi y Transfer parameters CAT6A Data transmission rate max. 10 GBit/s Device protection [Electrical Device 3 Rated surge voltage 1.5 kV Material group (IEC 60664-1) I	Width across flats	SW13
ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-11.1 27060307 ECLASS-12.0 EC001855 customs tariff number 85444290 CutASS-12.0 EC001855 Customs tariff number 85444290 GTIN 4048879834681 Packaging unit 1 Electrical data [Supply Electrical data [Supply Operating voltage AC max. 50 V Operating voltage AC max. 50 V Detrating information Electrical data [Supply voltage AC max. Ib	Degree of protection (EN IEC 60529)	IP65, 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-10.1 27060307 ECLASS-10.1 1 Electrical data Supply 0.5 A Industrial communication 1 Industrial communication 1 Electrical pra	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 EC001865 customs tarlf number 8544290 GTIN 404879834681 Packaging unit 1 Electrical data Supply Operating voltage AC max. Operating voltage AC max. 50 V Operating voltage AC max. 0,5 A Industrial communication Industrial communication Transfer parameters CAT6A Data transmission rate max. 10 GBit/s Device protection Electrical Imediation Pollution Degree 3 Rated surge voltage 1,5 kV Material group (EC 60664-1) I Mechanical data Material data Inceie-casting Coating locking </td <td>ECLASS-6.0</td> <td>27061801</td>	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 EC001855 customs tariff number 85444290 GTIN 4048879834681 Packaging unit 1 Etectrical data Supply 50 V Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage DC max. 60 V Operating current max. 0,5 A Industrial communication 1 Transfer parameters CAT6A Data transmission rate max. 10 GBit/s Device protection Electrical 1 Pollution Degree 3 Rated surge voltage 1,5 kV Material group (EC 60664-1) 1 Mechanical data Material data 1 Coating locking nickle plated Locking material Zinc clacating	ECLASS-6.1	27060307
ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879834681 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage DC max. 60 V Operating current max. 0,5 A Industrial communication Transfer parameters CAT6A Data transmission rate max. 10 GBtt/s Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Caceasting Coating locking nickle plated Locking material Zinc dic-casting	ECLASS-7.0	27060307
ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC001855 oustoms tariff number 85444290 GTIN 404887984681 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating current max. 0.5 A Industrial communication Transfer parameters CAT6A Data transmission rate max. 10 GBit/s Device protection Electrical Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking nickel plated Locking material Zinc die-casting	ECLASS-8.0	27060307
ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879834681 Packaging unit 1 Etectrical data Supply Coperating voltage AC max. Operating voltage DC max. 60 V Operating current max. 0.5 A Industrial communication Transfer parameters Transfer parameters CAT6A Data transmission rate max. 10 GBit/s Pollution Degree 3 Rated surge voltage 1.5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Coating locking nickel plated Locking material Zinc die-casting	ECLASS-9.0	27060307
ECLASS-12.0 27060307 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879834681 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating current max. 0.5 A Industrial communication Transfer parameters CAT6A Data transmission rate max. 10 GBit/s Polution Degree 3 Rated surge voltage 1.5 kV Material group (IEC 60664-1) I Mechanical data Material data Zinc die-casting Coating locking nickel plated Locking material Zinc die-casting	ECLASS-10.1	27060307
ETIM-5.0EC001855customs tariff number85444290GTIN4048879834681Packaging unit1Electrical data SupplyOperating voltage AC max.50 VOperating voltage DC max.60 VOperating voltage DC max.60 VOperating current max.0,5 AIndustrial communicationTransfer parametersCAT6AData transmission rate max.10 GBit/sPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)1Mechanical data Material dataCoating lockingnickel platedLocking materialZinc die-castingEnvironmental characteristics ClimaticLinc die-casting	ECLASS-11.1	27060307
customs tariff number85444290GTIN4048879834681Packaging unit1Electrical data SupplyCoperating voltage AC max.50 VOperating voltage DC max.60 VOperating current max.0.5 AIndustrial communicationCAT6AData transmission rate max.10 GBit/sPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)1Mechanical data Material dataCoating lockingnickel platedLocking materialZinc die-castingEnvironmental characteristics Climatic	ECLASS-12.0	27060307
GTIN 4048879834681 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating current max. 0,5 A Industrial communication Transfer parameters CAT6A Data transmission rate max. 10 GBit/s Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data inckel plated Coating locking nickel plated Locking material Zinc die-casting	ETIM-5.0	EC001855
Packaging unit 1 Electrical data Supply 50 V Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating current max. 0,5 A Industrial communication Intervent max. Transfer parameters CAT6A Data transmission rate max. 10 GBit/s Device protection Electrical Import 1000000000000000000000000000000000000	customs tariff number	85444290
Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating current max. 0,5 A Industrial communication Industrial communication Transfer parameters CAT6A Data transmission rate max. 10 GBit/s Device protection Electrical Pollution Degree Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data I Coating locking nickel plated Locking material Zinc die-casting	GTIN	4048879834681
Operating voltage AC max.50 VOperating voltage DC max.60 VOperating current max.0,5 AIndustrial communicationTransfer parametersCAT6AData transmission rate max.10 GBit/sDevice protection ElectricalPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating lockingnickel platedLocking materialZinc die-casting	Packaging unit	1
Operating voltage AC max.50 VOperating voltage DC max.60 VOperating current max.0,5 AIndustrial communicationTransfer parametersCAT6AData transmission rate max.10 GBit/sDevice protection ElectricalPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating lockingnickel platedLocking materialZinc die-casting	Electrical data Supply	
Operating voltage DC max. 60 V Operating current max. 0,5 A Industrial communication Industrial communication Transfer parameters CAT6A Data transmission rate max. 10 GBit/s Device protection Electrical Pollution Degree Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking nickel plated Locking material Zinc die-casting Environmental characteristics Climatic V		50.1/
Operating current max. 0,5 A Industrial communication Transfer parameters CAT6A Data transmission rate max. 10 GBit/s Device protection Electrical Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data nickel plated Coating locking nickel plated Locking material Zinc die-casting		
Industrial communication Transfer parameters CAT6A Data transmission rate max. 10 GBit/s Device protection Electrical Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data nickel plated Coating locking nickel plated Locking material Zinc die-casting		
Transfer parametersCAT6AData transmission rate max.10 GBit/sDevice protection ElectricalPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data Material dataCoating lockingnickel platedLocking materialZinc die-casting	·	0,5 A
Data transmission rate max. 10 GBit/s Device protection Electrical Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data I Coating locking nickel plated Locking material Zinc die-casting		
Device protection Electrical Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data I Coating locking nickel plated Locking material Zinc die-casting	Transfer parameters	CAT6A
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data I Coating locking nickel plated Locking material Zinc die-casting Environmental characteristics Climatic V	Data transmission rate max.	10 GBit/s
Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data I Coating locking nickel plated Locking material Zinc die-casting Environmental characteristics Climatic V	Device protection Electrical	
Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data I Coating locking nickel plated Locking material Zinc die-casting Environmental characteristics Climatic V	Pollution Degree	3
Material group (IEC 60664-1) I Mechanical data Material data I Coating locking nickel plated Locking material Zinc die-casting Environmental characteristics Climatic I	Rated surge voltage	1,5 kV
Mechanical data Material data Coating locking nickel plated Locking material Zinc die-casting Environmental characteristics Climatic	Material group (IEC 60664-1)	1
Coating locking nickel plated Locking material Zinc die-casting Environmental characteristics Climatic		
Locking material Zinc die-casting Environmental characteristics Climatic		nickel plated
Environmental characteristics Climatic		
Operating temperature min25 °C		
	Operating temperature min.	-25 °C

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: 2024-05-19



Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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 61076-2-109 (M12)
Installation Cable	
Cable identification	826
Jacket Color	green
Type of Certificate	cURus
Amount stranding	4
Stranding	2 wires twisted
Stranding (type 2)	4 Stranded joints around Insulation element twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
Filler	Insulation element
wire arrangement	(blue-white, blue), (brown-white, brown), (green-white, green), (orange-white, orange)
Cable weigth	116,6 g/m
Material jacket	PUR
Shore hardness jacket	90 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	8,9 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	TPE-V
Color (inner jacket)	natur
Material wire insulation	PP
Amount wires	8
Outer diameter insulation	1.05 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	61 Shore D
Amount strands (wire)	7
Diameter of single wires	24 AWG
Conductor crosssection (wire)	24 AWG 24 AWG
Material conductor wire	Stranded copper wire, bare
Traversing distance (C-track)	5 m @ 25 °C
	5 m @ 25 °C 300 V
Nominal voltage AC max.	300 V to DIN VDE 0298-4
Current load capacity (standard) Current load capacity min. wire	3 A
Characteristic impedance	$100 \ \Omega \pm 15 \ \% \text{ MHz}$
Electrical resistance line constant wire	100 Ω ± 15 % MHz 87,6 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
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (static)	80 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
	0E 1001 & 1000 IEO 00002-2-2 OE 1001 & 1100 12

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: 2024-05-19



chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	8 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
Travel speed (C-track)	2 Mio. @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 180 °/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: 2024-05-19