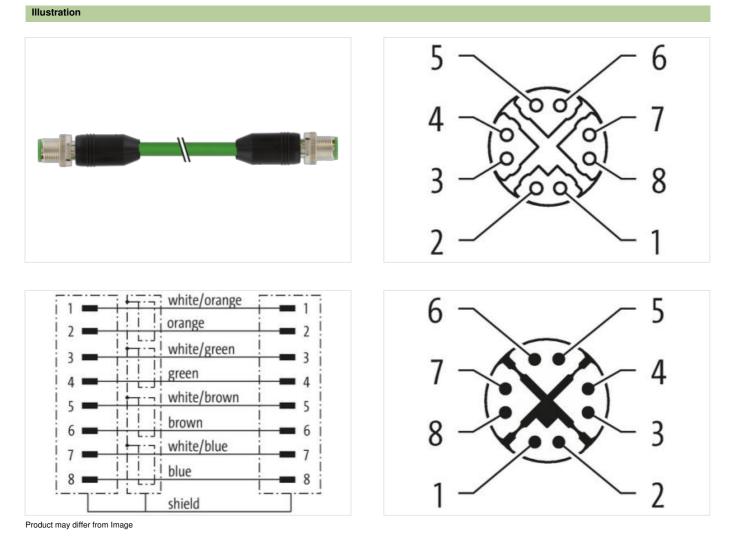


M12 male 0° / M12 male 0° X-cod. shielded

PUR 4x2xAWG24 shielded gn UL+drag ch. 20m

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	20 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 Stable outor straight Coding X Meerial containt Copper alloy No. of poles 8 With accoss flats SW13 Degree of protection (EN EC 60229) IPES, IPE7 Stde 2 IPES, IPE7 Stde 2 IPES, IPE7 Stde 3 Swn3 Containt 1000000000000000000000000000000000000	Family construction form	M12
sundable for corrungated tube (internal 6) 2 mm Cable collet atraight Cable collet X Mataria corbatal Coper aley No of poles 9 With anore corbatal 9W13 Degree of portection (EN IEC 8055) 9K16 Site 2 F Typesening torque 0.6 Nm Mataria corbatal gal/ polied Cadie contact Gale contact Cadie contact Coper allay Contactact allay 27060307		
Cable cuilet staght Coding X Coding X No. of poles 8 With across fails SV13 Degree of protection (EN IEC 60:529) IPEs, IPE7 Side 2 IPER 1000 Tipthening forque 0.0 Nm Mounting muthod inserted, serwed Conting contant geld pated Family construction form M12 Thread M12 x 1 Cable cuitet staght Coding contant geld pated Coding contant Copper alloy No. of poles 8 With across fatis SW13 Degree of protection (EN IEC 60:529) IPS, IP67 Coding contant Copper alloy No. of poles 8 With across fatis SW13 Degree of protection (EN IEC 60:529) IPS, IP67 Commercial data Coopper alloy Coding Contant Coopper alloy Stage		
Cading X Matural contact. Coppor alloy Natural contact. Coppor alloy Not opines 8 With accoss flats SW13 Dorger of protection (EN IEC 0029) IP65. IP67 Side 2 IP66. IP67.		
Material control. Copper alloy Na. of poles 8 With across fields SW13 Degree of protection (EN EC 65529) IPES, IPES 7 Side 2		
Na. of poles 8 Winh access facts SW13 Degree of protection (EN IC 6059) IP65, IP67 Side 2 IP65, IP67 Side 2 Side 2 Tighting (orque) 0.6 Nm Mounting method inserted, sorewed Conting contakt 0.00 plated Parily construction form M12 Thread M12 x 1 autable for corrugated hube (internal 0) 12 run Coding X X Marenia consta Cooper allay No. of poles 8 Bergeria of protection (EN ICE 60520) IP65, IP67 Constant 2060307 Colasse fats 20705037 Colasse 7.0 20705037 Colasse 7.0 2060307 Colasse 7.0		
Weth across fluis SW13 Degree of protection (EN IEC 60529) IP65, IP67 Side 2 Tightening torque 0,6 Nm Mounting method inserted, acceward Cataring contact opd plated Family construction form M12 Thread M12 X I aulable for corrugated tube (internal 0) 12 mm Cataring contact Cooper alloy No. of poles 8 Weth across fluts SW13 Degree of protection (EN IEC 60529) IP65, IP67 Commercial data 27061801 ColLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-6.1 27060307 ECLASS 6.0 27060307 ECLASS 7.0 27060307		
Degree of protection (EN IEC 60529) IP65, IP67 Side 2 Protection (EN IEC 60529) Pipthening torque 0.6 Nm Mounting method insertedscrewed Conting contail god plated Finally construction form M12 Thread M12 x 1 autable for corrugated tube (internal Ø) 12 mm Coding X Malenial contail Coppor allay No. of poles 8 With arcoss flats SW13 Degree of protection (EN IEC 60529) IP6, IP67 Commercial data 27060307 ECLASS A.0 27060307 ECLASS A.1 27060307 <td< td=""><td></td><td></td></td<>		
Sio 2 Sio 2 Taphening torque 0.6. Nm Mouting method insterd, scowed Galaing contact pold platd Family construction form M12 Thread M12.1 suitable for corrugated tube (informal 09) 12 mm Cable outet straight Coding X Material contact Copper alloy No. of poles 8 With access flats SW13 Degree of protection (EN IEC 60529) (P65, IP67) Commercial data 27060307 ECLASS-6.0 27060307 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-7.0 27060307 </td <td></td> <td></td>		
Typinoning torque 0.6 Nm Mounting method inserted, screwed Coaling contrad. 0.61 plated Family construction form M12 x Mainting corrupated tube (internal 00) 12 nm Coaling contrad. VC page alloy Coaling contrad. Copper alloy Material contrad. Copper alloy No. of polas 8 Material contrad. Copper alloy No. of polas 8 With across flats SW13 Degree of protection (EN IEC 60529) IP65, IP67 Commecial data 27061801 ECLASS A. 0 27066307 ECLASS A. 0 27066307 ECLASS A. 0 27066307 ECLASS A. 1 27066307		
Advanting method inserted, screwed Coading contact gold plated Coading contact gold plated Thread M12 × 1 Unable for corrugated tube (internal 0) 12 mm Cading X Copper alloy Cading X Copper alloy No. of poles 8 With across flats SW13 Degree or protection (EN IEC 600529) IP65, IP67 Commercial dato Z7060307 ECLASS 6.0 27061901 ECLASS 6.1 27060307 ECLASS 6.1 27060307 ECLASS 8.0 27060307 ECLASS 9.0 27060307 ECLASS 9.1 27060307 </td <td></td> <td></td>		
Cating contact gold plated Family construction form M12 x 1 Suitable for corrugated tube (internal 0) 12 mm Cable outlet straight Control Copper alloy Material contract Copper alloy Material contract SW13 Degree of protection (EN IEC 60529) IP65, IP67 Commercial data 27061801 ECLASS 4.0 27060307 ECLASS 5.1 27060307 ECLASS 5.0 27060307 ECLASS 5.1.1 27060307 ECLASS 5.1.2 Erotosion Control Eduata 1 Straight Scote Scoccacacacacacacacacacac		-
Family construction form M12 Thread M12 × 1 suitable for corrugated tube (internal 0) 12 mm Cable outlet straight Cable outlet Compared outlet Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP67 Commercial data 270618011 ECLASS 6.0 27060307 ECLASS 7.0 27060307 ECLASS 7.1 27060307 ECLASS 7.0 27060307 ECLASS 7.1 27060307 ECLASS 7.1 27060307 ECLASS 7.0 27060307 ECLASS 7.0 27060307 ECLASS 7.0 27060307 ECLASS 7.0 2706030		
Thread M12 x 1 suilable for corrugated lube (internal Ø) 12 mm Scable outlet stajht Coding X Material contact Copper alloy No. of poles 8 Width across flats SW13 Degree of protoction (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 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-1.1 27060307 <t< td=""><td></td><td></td></t<>		
suitable for corrugated tuble (internal O) 12 mm Cable outlet straight Cachig outlet Straight Cachig outlet Contact Copper alloy No. of poles 6 Miditarical contact Copper alloy No. of poles 6 8 WV13 Degree of protection (EN IEC 60529) IP65, IP67 Commercial data ECLASS-6.0 27060307 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-8.1.1 27060307 ECLASS-8.1.1 27060307 ECLASS-8.1.1 27060307 ECLASS-8.1.1 27060307 ECLASS-1.1 20 ECLASS-1.1		
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 data Commercial C	Thread	
Coding X Material contact Cooper 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-7.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-13.1 27060307 ECLASS-10.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-13.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-1	suitable for corrugated tube (internal \emptyset)	12 mm
Material contact Copper alloy No. of poles 8 With arcoss flats SW13 Degree of protection (EN IEC 60529) IP65, IP67 Commercial data 27061301 ECLASS 6.0 27061307 ECLASS 7.0 27060307 ECLASS 8.0 27060307 ECLASS 8.0 27060307 ECLASS 8.0 27060307 ECLASS 8.0. 27060307 ECLASS 8.1.1 27060307 ECLASS 9.1.2 27060307 ECLASS 9.1.1 27060307 ECLASS 9.1.2 27060307 ECLASS 9.2.0 27060307 ECLASS 9.1.2 27060307	Cable outlet	straight
No. of poles 8 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP67 Commercial data 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-9.0 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-11.1 27060307 ECLASS-12.0 EC001885 cuatoms tariff number 8544290 GTIN 4048979834711 Packaging unit 1 Electical data [Supply OV Operating voltage AC max. 50 V Operating voltage AC max. 0.5 A Industrial communication	Coding	
With across flats SW13 Degree of protection (EN IEC 60529) IP65, 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-1.1 27060307 ECLASS-1.2.0 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.0 ECO01855 customs taff number 8544290 GTIN 4048879834711 Packaging unit 1 Electrical data [Supply Jo Operating volage AC max. 50 V Operating volage AC max. 10 GBI/s	Material contact	Copper alloy
Degree of protection (EN IEC 60529) IP85, 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 27060307 ECLASS-8.0 27060307 ECLASS-10.1 27060307 ECLASS-10.1 27060307 ECLASS-1.1 27060307 ECLASS-10.1 27060307 ECLASS-10.1 ECLASS-10.1 <t< td=""><td>No. of poles</td><td>8</td></t<>	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-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 ECOVENTON Electrical data ISMPSMERCON 50 V Operating voltage AC max. <	Width across flats	SW13
ECASS-6.0 27061801 ECIASS-6.1 27060307 ECIASS-7.0 27060307 ECIASS-8.0 27060307 ECIASS-8.0 27060307 ECIASS-10.1 27060307 ECIASS-11.1 27060307 ECIASS-12.0 27060307 ECIASS-11 27060307 ECIASS-12.0 27060307 ECIASS-12.0 27060307 ETIM-5.0 ECO011855 Operating urgent max. 50 V Operating urgent max.	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 27060307 ECLASS-10 27060307 ECLASS-10 1 Edetrical data Supply 200 Operating current max. 10 GBit/s Data transmission rate	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-13.0 EC001855 Cuastrial formuner 8544290 Garting voltage AC max. 50 V Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating voltage DC max. 10 Self/s Dat transmission rate max. 10 Self/s	ECLASS-6.0	27061801
ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879834711 Packaging unit 1 Etectrical data Supply Operating voltage AC max. 50 V Operating current max. 0,5 A Industrial communication Transfer parameters CAT6A Data transmission rate max. 10 GBit/s Devetor protection Electrical data Material group (IEC 60664-1) I Mechanical data Material data Industrial communication Coating locking nickel plated Coating locking 1.5 kV Material group (IEC 60664-1) I Mechanical data Material data Industrial communicatidata Locking material	ECLASS-6.1	27060307
ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 2000 Ectrical data Supply 0 Operating voltage AC max. 50 V Operating current max. 0.5 A Industrial communication 1 Transfer parameters CAT6A Data transmission rate max. 10 GBit/s	ECLASS-7.0	27060307
ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC01855 customs tariff number 85444290 GTIN 4048879834711 Packaging unit 1 Electrical dta Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage DC max. 0,5 A Industrial communication Transfer parameters CAT6A Data transmission rate max. 10 GBit/s Device protection Electrical 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coding locking Coating locking nickle plated Coating locking nickle 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 4048879834711 Packaging unit 1 Electrical data Supply 50 V Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage DC 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 looking Coating looking nickel plated Locking material Zinc die-casting	ECLASS-9.0	27060307
ECLASS-12.027060307ETIM-5.0EC001855customs tariff number85444290GTIN4048879834711Packaging unit1Electrical data SupplyOperating 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)1Mechanical data Material dataCoating lockingnickel platedLocking materialZinc die-castingEnvironmental characteristics Climatic	ECLASS-10.1	27060307
ETIM-5.0EC001855customs tariff number85444290GTIN4048879834711Packaging unit1Electrical data SupplyOperating 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)1Mechanical data Material dataCoating lockingnickel platedLocking materialZinc die-castingEnvironmental characteristics ClimaticXinc die-casting	ECLASS-11.1	27060307
customs tariff number 85444290 GTIN 4048879834711 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 Policin Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data nickel plated Locking material Zin c die-casting	ECLASS-12.0	27060307
GTIN 4048879834711 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 Industrial communication Transfer parameters CAT6A Data transmission rate max. 10 GBit/s Polucion Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data inkel 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 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) I Mechanical data Material data inckel plated Locking material inckel plated Locking material Zinc die-casting	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) 1 Mechanical data Material data inckel plated Coating locking nickel plated Locking material Zinc die-casting	GTIN	4048879834711
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) I Mechanical data Material data inckel plated Locking material Zinc die-casting	Packaging unit	1
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) I Mechanical data Material data inckel plated Locking material Zinc 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 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 Environmental characteristics Climatic		50 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 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 Coating locking nickel plated Locking material Zinc die-casting		
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 inckel plated Coating locking nickel plated Locking material Zinc 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 inickel plated 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	
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data 1 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	Device protection Electrical	
Material group (IEC 60664-1) I Mechanical data Material data I Coating locking nickel plated Locking material Zinc die-casting Environmental characteristics Climatic I	Pollution Degree	3
Mechanical data Material data Coating locking nickel plated Locking material Zinc die-casting Environmental characteristics Climatic	Rated surge voltage	1,5 kV
Coating locking nickel plated Locking material Zinc die-casting Environmental characteristics Climatic	Material group (IEC 60664-1)	I
Coating locking nickel plated Locking material Zinc die-casting Environmental characteristics Climatic	Mechanical data Material data	
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