

M12 female 0° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA 3m

Ethernet CAT5 Female straight M12, 4-pole D-coded shielded

Further cable lengths on request.

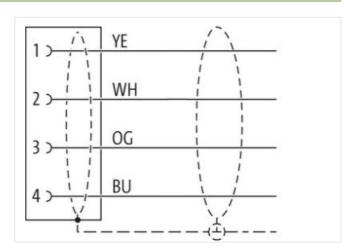
Plastic housings with good resistance against chemicals and oils.

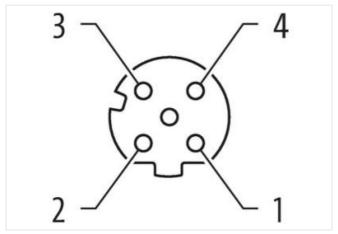
The resistance to aggressive media should be individually tested for your application. Further details on request.

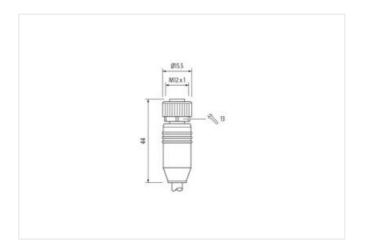
Link to Product

Illustration









Product may differ from Image











Cable length

3 m

Side 1



stay connected

Munting method	Tightening torque	0,6 Nm
Family construction from M12 x 1 Timesd M12 x 1 Coding D Material PUR Width across fats SW19 Degree of protection (EN IEC 60529) IP65, IP66K IP67 Commercial data CECLASS-6.0 ECLASS-6.1 27060907 ECLASS-7.0 27060907 ECLASS-8.0 27060907 ECLASS-9.0 27060907 ECLASS-9.0 27060907 ECLASS-1.1 27060907 ECLASS-1.2.0 27060907 ECLASS-1.1 27060907 ECLASS-1.2.0 27060907 ECLASS-1.2.1 27060907 ECLASS-1.2.0 27060907 ECLASS-1.2.0 27060907 ECLASS-1.2.0 27060907 ETIM-5.0 600002599 customs tariff number 85444290 OFTIM TOTAL ACROSS PORTA (LILL-LILL-LILL-LILL-LILL-LILL-LILL-LIL	Mounting method	inserted, screwed
Tread		M12
Material PUR Witch across flats		M12 x 1
Width across flats SW13 Degree of protection (EN IEC 60529) 1958, IP66K, IP67 Commercial date ECLASS-6.0 27001901 ECLASS-6.1 27000007 ECLASS-7.0 27063007 ECLASS-9.0 27063007 ECLASS-9.0 27063007 ECLASS-1.1 27063007 ECLASS-1.2.0 27063007 ECLASS-1.1 27063007 ECLASS-1.1 27063007 ECLASS-1.2.0 27063007 ETIM-5.0 EC002590 CITIN 49488793227879 Packaging unit 1 Electrical data Supply V Operating voltage DC max. 60 V Operating voltage DC max. 1.5 A Incutation communication 1.5 A Incutation are markers CATS, Class D (ISO/IEC 11801-2002), (EN 50173-1) Total transmission rate max. 100 MER/s Industrial communication Ethernet unctually Universe protection Electrical MILE Device protection Electrical MILE Device protection Electr	Coding	D
Degree of protection (EN IEC 60529) IP65, IP68K, IP67 Commercial data ECLASS 6.1 27068007 ECLASS 6.1 27068007 ECLASS 9.0 27068007 ECLASS 9.0 27068007 ECLASS 9.0 27068007 ECLASS 9.0 27068007 ECLASS 1.1 27068007 ECLASS 1.2.0 408879327879 Packaging unit 1 Electrical data Supply Operating voltage DC max. (UL-listed) 30 V Current operating pp cronate max. 1.5 A Industrial communication 1.5 A Industrial communication 1.5 A Industrial communication [Etemet functional trans	Material	PUR
Commercial data 27061801 ECLASS-6.0 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-11.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ETM-5.0 EC0002599 Custom Staff number 88444290 GTN 4048879327879 Packaging unit 1 Electrical data ISupply Ferrare (U.I-listed) Operating voltage DC max. 60 V Operating voltage DC max. (U.I-listed) 30 V Industrial communication Transfer parameters CATS, Class D (ISO/IEC 11801-2002), (EN 50178-1) Transfer parameters Industrial communication [Ethernet functionality July (U.I. Industrial Communication) Installation Connection Full duplex Installation Connection Full duplex Installation Connection Installation Connection Installation Connection In Section Connectio	Width across flats	SW13
ECLASS-6.0 27061801 ECLASS-6.1 270680307 ECLASS-7.0 270680307 ECLASS-8.0 270680307 ECLASS-9.0 270680307 ECLASS-10.1 270680307 ECLASS-11.1 270680307 ECLASS-12.0 270880307 ETIM-5.0 EC002599 customs staff number 85444290 GTIN 404879327879 Packaging unf 1 Electrical data Supply Operating voltage DC max. 60 V Operating voltage DC max. (U-listed) 30 V Current operating per contact max. 1.5 A Industrial communication 1 Transfer parameters CATS, Class D (ISO/IEC 11801-2002), (EN 50173-1) Data transmission rate max. 100 MB/I/s Industrial communication Ethernet tuentionality duplex Full duplex Industrial communication Ethernet tuentionality duplex Full duplex Industrial communication Ethertical Additional condition protection degree Insented, scr	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0.1 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 ECOXESP9 customs tarilf number 8544290 GTIN 4048879327879 Packaging unit 1 Electrical data Supply Operating voltage DC max. Current operating per contact max. 1,5 A Industrial communication Transfer parameters CATS. Class D (ISO/IEC 11801-2002), (EN 50179-1) Data transmission rate max. 100 MBits Industrial communication Ethernet functionality duplex Full duplex Industrial communication Ethernet functionality Mustaria communication Ethernet functionality Additional Condition protection Mustaria group (IEC 60664-1) I Device protection	Commercial data	
ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-11.1 27060307 ECLASS-11.1 27060307 ECLASS-11.1 27060307 ETIM-5.0 ECOASS-11.1 444290 GTIM 4048879327879 Packaging unit 1 Electrical data Supply Operating voltage DC max. (VIL-leted) 30 V Operating voltage DC max. (VIL-leted) 50 V Operating voltage Communication VIL-leted) 50 V Operating voltage Communication VIL-leted) 50 V Operating voltage Communication VIL-leted VIL-leted) 50 V Operating voltage Communication VIL-leted VIII-leted	ECLASS-6.0	27061801
ECLASS 8.0 27060307 ECLASS 9.0 27060307 ECLASS 10.1 27060307 ECLASS 11.1 27060307 ECLASS 11.1 27060307 ECLASS 11.0 ECO02599 customs tariff number 85444290 GTIN 44887322879 Packaging unil 1 Felectrical data Supply Operating voltage DC max.	ECLASS-6.1	27060307
ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-S.0 EC002599 customs tariff number 8544290 GTIN 4048679327879 Packaging unit 1 Electrical data [Supply Operating voltage DC max. 60 V Operating voltage DC max. 60 V Operating voltage pc contact max. 1,5 A Industrial communication Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801-2002), (EN 50173-1) Data transmission rate max. 100 MBR/s Industrial communication Ethernet functionality duplex Full duplex Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 6068-1) 1 Mechanical data Material data Nickeled	ECLASS-7.0	27060307
ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETM-5.0 EC002599 customs tariff number 85444290 GTN 4048873327879 Packaging unit 1 Electrical data Supply Image: Company or Compa	ECLASS-8.0	27060307
ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 ECO2699 customs tariff number 85444290 GTIN 4048879327879 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Operating voltage DC max. 1,5 A Industrial communication 1,5 A Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MB/rs Industrial communication Ethernet functionality duplex Full duplex Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Poliution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating of fitting Locking material Zinc die-casting Material screw connection Zinc die-casting Material data Mounting data <td< td=""><td>ECLASS-9.0</td><td>27060307</td></td<>	ECLASS-9.0	27060307
ECLASS-12.0 27060307 ETIM-5.0 EC0002599 customs tariff number 85444290 GTIN 4048879327879 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Operating por lotage DC max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBIt/s Industrial communication Ethernet functionality duplex Full duplex Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	ECLASS-10.1	27060307
ETIM-5.0 EC002599 customs fariff number 85444290 GTIN 404873327879 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Operating voltage DC max. (UL-listed) 30 V Current operating per contact max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBibs Industrial communication Ethernet functionality duplex Full duplex Installation Connection Mouning set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Vickeled Coating locking Nickeled Coating locking Nickeled Coating material Zinc die-casting Mechanical data	ECLASS-11.1	27060307
customs tariff number 85444290 GTIN 4048873327879 Packaging unit 1 Electrical data Suppty Operating voltage DC max. 60 V Operating voltage DC max. (4. listed) 30 V Current operating per contact max. 1,5 A Industrial communication Transfer parameters CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MB/Us Industrial communication Ethernet functionality duplex Full duplex Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60684-1) I Mechanical data Material data Coating locking material Zinc die-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min25 °C Additional condition temperature max. 85 °C	ECLASS-12.0	27060307
GTIN 404879327879 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Operating voltage DC max. (UL-listed) 30 V Current operating per contact max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBt/s Industrial communication Ethernet functionality duplex Full duplex Insallation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage M1,5 kV Material group (EC 60664-1) 1 Mechanical data Material data Coating locking Nickeled Coating locking Nickeled Coating locking Nickeled Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Environmental characteristics Climatic Environmental characteristics Climatic Environmental temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	ETIM-5.0	EC002599
Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Operating voltage DC max. (UL-listed) 30 V Current operating per contact max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBt/s Industrial communication Ethernet functionality duplex Full duplex Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Politution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickel plated Locking material Connection Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Environmental characteristics Climatic Deparating temperature min 25 °C Additional condition temperature range depending on cable quality Important installation notes	customs tariff number	85444290
Electrical data Supply	GTIN	4048879327879
Operating voltage DC max. (UL-listed) 30 V Operating voltage DC max. (UL-listed) 30 V Current operating per contact max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important Installation notes	Packaging unit	1
Operating voltage DC max. (UL-listed) 30 V Current operating per contact max. 1.5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Munting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Cperating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	Electrical data Supply	
Current operating per contact max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBi/s Industrial communication Ethernet functionality duplex Full duplex Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed 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 Material screw connection Zinc die-casting Material screw connection Zinc die-casting Mechanical data Munting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	Operating voltage DC max.	60 V
Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	Operating voltage DC max. (UL-listed)	30 V
Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material 2 inc die-casting Material screw connection inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	Current operating per contact max.	1,5 A
Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Industrial communication	
Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
duplex Full duplex Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	Data transmission rate max.	100 MBit/s
Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	Industrial communication Ethernet funct	ionality
Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	duplex	Full duplex
Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	Installation Connection	
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	Mounting set	M12 x 1
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	Device protection Electrical	
Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1) Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection 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 Important installation notes	Pollution Degree	3
Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	Rated surge voltage	1,5 kV
Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	Material group (IEC 60664-1)	1
Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	Mechanical data Material data	
Locking material Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range Important installation notes	Coating locking	Nickeled
Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	Coating of fitting	nickel plated
Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	Locking material	Zinc die-casting
Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	Material screw connection	Zinc die-casting
Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	Mechanical data Mounting data	
Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes	Environmental characteristics Climatic	
Additional condition temperature range depending on cable quality Important installation notes	Operating temperature min.	-25 °C
Important installation notes	Operating temperature max.	85 °C
	Additional condition temperature range	depending on cable quality
Note on strain relief Protect the connectors by suitable measures from mechanical loads. e.g. by the usage of cable ties.	Important installation notes	
	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.



stay connected

Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be Note on bending radius endangered by excessive bending forces.

	endangered by excessive bending loices.
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 PE
Amount wires	4
Outer diameter insulation	1,55 mm
Outer diameter insulation Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	±5 % 65 Shore D
Ingredient freeness wire insulation Amount strands (wire)	lead-free, CFC-free, halogen-free 7
Amount strands (wire) Diameter of single wires	22 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	Stranded copper wire, bare
	Stranded copper wire, pare 300 V
Nominal voltage AC max.	
Current load capacity (standard)	to DIN VDE 0298-4
Characteristic impodence	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
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	0° ℃
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