

M12 fem. recept. D-cod. rear/RJ45 male 0° shielded

PUR 1x4xAWG22 shielded gn UL/CSA 1.2m

Ethernet CAT5

Plastic housings with good resistance against chemicals and oils.

Flange female straight - male straight

M12 - RJ45, 4-pole

D-coded

Halogen-free-Material

shielded

8-pole partly used

Rear mounting

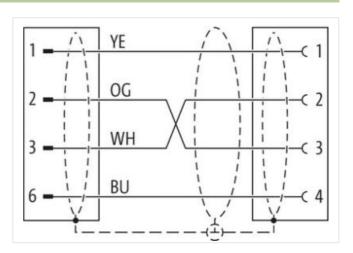
Transmission properties with channel transmission up to 100 m

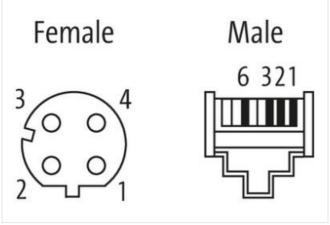
Further cable lengths on request.

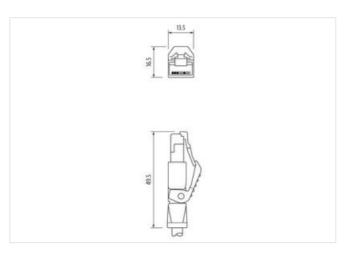
Link to Product

Illustration









Product may differ from Image











stay connected

Side 1 Tightening torque 0.6 Nm Family contamuon form M12 Thread M12 x1 Subble for compaged but the (internal of control) 0 Coding D Mestral PUR Degree of protection (EN IEC 80529) IP67 Side 2 Variant (Control) Conting head nicket pated Family construction form H.45 Material Beas Degree of protection (EN IEC 80529) IP20 Commercial data 27041801 ECLASS-8.0 27041801 ECLASS-8.1 27279201 ECLASS-8.0 27440103 ECLASS-9.0 27440103 ECLASS-1.1 27440103 ECLASS-1.1 27440103 ECLASS-1.1 27440103 ECLASS-1.1 27440103 ECLASS-1.1 27440103 ECLASS-1.1 27440103 ECLASS-1.2 27440103 ECLASS-1.2 27440103 ECLASS-1.2 27440103 COTAS - Class D (SCOC	Cable length	1,2 m
Family construction form	Side 1	
Family construction form	Tightening torque	0,6 Nm
soliable for corrugated table (informal 0) 10 mm Coding D Material PUR Degree of protection (EN IEC 60529) IP67 Side 2 Coating head Coating head nickel plated Family construction from RL45 Material Brass Degree of protection (EN IEC 60529) IP20 Commercial data ECLASS 6.0 27061891 ECLASS 6.1 27279520 ECLASS 7.0 27440103 ECLASS 9.0 27440103 ECLASS 9.0 27440103 ECLASS 1.1 27440103 ECLASS 1.2 27440103 ECLASS 1.0 27440103 ECLASS 1.1 27440103 ECLASS 1.0 2746103 <		M12
Cading D Material PUR Degree of protection (EN IEC 60529) IP67 Side 2 PUR Coating head nickel plated Family construction form RJ45 Material Brass Degree of protection (ENIEC 60529) IP20 Commercial data ECLASS 6.0 27661801 ECLASS 6.1 27727220 ECLASS 7.0 27440103 ECLASS 8.0 27440103 ECLASS 8.0 27440103 ECLASS 1.1 27440103 ECLASS 1.2.0 27440103 ECLASS 1.8.0 ECO02599 GUASS 1.1.1 27440103 ECLASS 1.0.1 ECO02599 GUASS 1.0.1 4048879821667 Packaging unit 1 Electrical data Supply Operating voltage DC max. 6 V Operating voltage DC max. 1,5 A Industrial communication 4 Using voltage DC max. 1,5 A Industrial communication Electrical tructionality 4 Using voltage 1 Using voltage 1 Using voltage 1 Usi	Thread	M12 x 1
Material PUR Degree of protection (EN IEC 60529) IP67 Side 2 Coating head nickel plated Family construction form PL45 Material Brass Degree of protection (EN IEC 60529) IP20 Commercial date Commercial date ECLASS-6.0 27761801 ECLASS-7.0 27440103 ECLASS-8.1 27440103 ECLASS-9.0 27440103 ECLASS-9.0 27440103 ECLASS-1.1 27440103 ECLASS-1.2.0 27440103 Packaging unit 1 Electrical data Supphy Operating voltage DC max. (U.L. fisted) 30 V Operating voltage DC max. (U.L. fisted) 30 V Current porating par contact max. 1.5 A Industrial communication 1 <td>suitable for corrugated tube (internal Ø)</td> <td>10 mm</td>	suitable for corrugated tube (internal Ø)	10 mm
Degree of protection (EN IEC 80529)	Coding	D
Side 2	Material	PUR
Coating head nickel plated Family construction form RJ45 Material Brass Oegree of protection (EN IEC 60529) IP20 Commercial data ECLASS-6.0 277061801 ECLASS-6.1 27279220 ECLASS-7.0 27440103 ECLASS-8.0 27440103 ECLASS-9.0 27440103 ECLASS-9.1.1 27440103 ECLASS-9.1.2 27440103 ECLASS-9.1.3 27440103 ECLASS-9.1.4 27440103 ECLASS-9.1.5 27440103 ECLASS-9.0 27440103 ECLASS-9.1.1 27440103 ECLASS-12.0 27440103 ETM-5.0 EC002599 Location factor function 404887881667 Packaging unit 1 Electrical data Supply Operating voltage DC max. (Ul-listed) 30 V Operating voltage DC max. (Ul-listed) 30 V Industrial communication Enterties and parameters ACAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) ACAT5, Class D	Degree of protection (EN IEC 60529)	IP67
Family construction form RJ45 Material Brass Dagree of protection (EN IEC 60529) P20 Commercial data ECLASS 6.0 27061801 ECLASS 6.1 27279220 ECLASS 7.0 27440103 ECLASS 8.0 27440103 ECLASS 9.0 27440103 ECLASS 9.1.1 27440103 ECLASS 9.1.1 27440103 ECLASS 9.1.1 27440103 ECLASS 9.1.1 27440103 ECLASS 9.2 27440103 ECLASS 9.1.1 27440103 ECLASS 9.1.1 27440103 ECLASS 19.0 8544290 ETIM 5.0 ECO02599 customs tariff number 8544290 GTIN 404887881667 Packaging unit 1 Electrical data Supply Operating voltage DC max. (UL-listed) 30 V Current operating per content at max. 1,5 A Industrial communication 1 Industrial communication 1 Industrial communication	Side 2	
Material Brass Dagree of protection (EN IEC 60529) P20 Commercial data P20 ECLASS 6.0 27061901 ECLASS 6.1 27279220 ECLASS 7.0 27440103 ECLASS 8.0 27440103 ECLASS 9.0 27440103 ECLASS 1.1 27440103 ECLASS 1.2.0 27440103 ECLASS 1.1.1 27440103 ECLASS 1.2.0 30 V Operating voltage DC max. 60 V	Coating head	nickel plated
Degree of protection (EN IEC 80529) IP20	Family construction form	RJ45
Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27279220 ECLASS-7.0 27440103 ECLASS-8.0 27440103 ECLASS-9.0 27440103 ECLASS-10.1 27440103 ECLASS-11.1 27440103 ECLASS-12.0 27440103 ECLASS-12.0 27440103 ECLASS-12.0 27440103 ECLASS-12.0 4048879821667 Packaging unit 1 Electrical data Supply Operating vollage DC max. (UL-listed) 30 V Operating vollage DC max. (UL-listed) 30 V Current operating per contact max. 1,5 A Industrial communication Transfer parameters CAT5, Class D ((SQ/IEC 118012002), (EN 50173-1) Data transmission rate max. 100 MBR/s Industrial communication Ethernet functions Industri		Brass
ECLASS-6.0 27061801 ECLASS-6.1 27279220 ECLASS-7.0 27440103 ECLASS-9.0 27440103 ECLASS-9.0 27440103 ECLASS-10.1 27440103 ECLASS-11.1 27440103 ECLASS-12.0 27440103 ECLASS-12.0 27440103 ECLASS-12.0 4048879821967 Customs tarff number 85444290 GTIN 4048879821967 Packaging unlt 1 Electrical datal 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 1 Transfer parameters CAT5, Class D (ISO/IEC 11801-2002), (EN 50173-1) Data transmission rale max. 100 MBit/s Industrial communication Elternet functional functional per contact functional per	Degree of protection (EN IEC 60529)	IP20
ECLASS-6.0 27061801 ECLASS-6.1 27279220 ECLASS-7.0 27440103 ECLASS-9.0 27440103 ECLASS-9.0 27440103 ECLASS-10.1 27440103 ECLASS-11.1 27440103 ECLASS-12.0 27440103 ECLASS-12.0 27440103 ECLASS-12.0 4048879821967 Customs tarff number 85444290 GTIN 4048879821967 Packaging unlt 1 Electrical datal 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 1 Transfer parameters CAT5, Class D (ISO/IEC 11801-2002), (EN 50173-1) Data transmission rale max. 100 MBit/s Industrial communication Elternet functional functional per contact functional per	Commercial data	
ECLASS 6.1 27279220 ECLASS 7.0 27440103 ECLASS 9.0 27440103 ECLASS 9.0 27440103 ECLASS 1-1.1 27440103 ECLASS 11.1 27440103 ECLASS 11.2 27440103 ECLASS 12.0 27440103 ETIM-S.0 ECO02599 customs tariff number 65444290 GTIN 4048879821667 Packaging unit 1 Electrical data Suppty 1 Operating voltage DC max. 60 V Operating voltage DC max. 60 V Operating per contact max. 1,5 A Industrial communication 1,5 A Industrial communication Ethernet functionality dujex Full dujex Industrial communication Ethernet functionality dujex Full dujex Installation Connection Mounting set M16 x 1.5 Family construction form M12 Videth across flats SW19 Device protection Electrical 1 kV Material group (IcC		27061801
ECLASS-7.0 27440103 ECLASS-8.0 27440103 ECLASS-9.0 27440103 ECLASS-10.1 27440103 ECLASS-11.1 27440103 ECLASS-12.0 27440103 ECLASS-12.0 27440103 ETIM-5.0 ECOOQES99 customs tariff number 85444290 GTIN 4048879821667 Packaging unit 1 Electrical data Suppty Operating voltage DC max. 60 V Operating voltage DC max. 1,5 A Industrial communication 1.5 A Industrial communication 1.5 A Industrial communication Ethernet functionality 4 Uplex Installation Connection M16 x 1.5 Family construction form M12 Width across flats SW19 Device protection Electrical Protection NEMA 3, 4, 6P Pollution Degree 3		
ECLASS-8.0 27440103 ECLASS-9.0 27440103 ECLASS-10.1 27440103 ECLASS-11.1 27440103 ECLASS-12.0 27440103 ETIM-5.0 ECOUSES9 usustoms tariff number 85444290 GTIN 4048879821667 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Operating voltage DC max. 60 V Operating voltage DC max. 1,5 A Industrial communication 1,5 A Industrial communication 1,5 A Industrial communication Ethernet functionality 4 Unique to the functionality duplex Full duplex Installation Connection M16 x 1.5 Family construction form M12 Width across flats SW19 Device protection Electrical M2 Protection NEMA 3, 4, 6P Politulion Degree 3 Rated surge voltage 1 kV Machanical data Material data inckel plated Locking		
ECLASS-9.0 27440103 ECLASS-10.1 27440103 ECLASS-11.1 27440103 ECLASS-12.0 27440103 ETIM-5.0 EC002599 customs tariff number 85444290 GTIN 4048879821667 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Operating voltage DC max. 60 V Operating voltage 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 Industrial communication Ethernet functionality Mounting set M16 x 1.5 Family construction form M12 Width across flats SW19 Device protection Electrical Protection NEMA 3, 4, 6P Pollution Degree 3 Rate surge voltage 1 kV Material group (IEC 60664-1) 1 <		
ECLASS-10.1 27440103 ECLASS-11.1 27440103 ECLASS-12.0 27440103 ETIM-5.0 ECO02599 customs tariff number 85444290 GTIN 4048879821667 Packaging unit 1 Electrical data Supply Electrical data Supply Operating voltage DC max. 60 V Operating voltage DC 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 MBit/s Industrial communication Ethernet functivality duplex Industrial communication Ethernet functivality Full duplex Installation Connection M12 Width across flats SW19 Device protection Electrical Forestection NEMA Protection NEMA 3, 4, 6P Pollution Degree 3 Rated surge voltage 1 kV Mechanical data Meterial data Locking material Locking material Brass		
ECLASS-12.0 27440103 ECLASS-12.0 27440103 ETIM-5.0 EC002599 customs tariff number 8544290 GTIN 4048879821667 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Operating voltage DC max. 60 V Operating voltage DC max. 1,5 A Industrial communication Transfe parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Etherret functionality duplex Installation Connection Mounting set M16 x 1.5 Family construction form M12 Width across flats SW19 Device protection Electrical Protection NEMA 3, 4, 6P Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) 1 Mechanical data Material data <		
ECIASS-12.0 27440103 ETIM-5.0 EC002599 customs tariff number 85444290 GTIN 4048879821667 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Operating voltage DC max. 60 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 Industrial communication Connection Mounting set M16 x 1.5 Family construction form M12 Width across flats SW19 Device protection Electrical Protection NEMA 3, 4, 6P Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) I Mechanical data Mat		
ETIM-5.0 EC002599 customs tariff number 85444290 GTIN		
customs tariff number 85444290 GTIN 4048879821667 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Operating voltage DC max. 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 Ell duplex Installation Connection Will duplex Mounting set M16 x 1.5 Family construction form M12 Width across flats SW19 Device protection Electrical Protection NEMA 3, 4, 6P Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking nickel plated Locking material Brass		
GTIIN 4048879821667 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 Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/is Industrial communication Ethernet functionality Industrial communication Ethernet functionality duplex Full duplex Installation Connection W16 x 1.5 Family construction form M12 Width across flats SW19 Device protection Electrical SW19 Device protection Electrical Protection NEMA 3, 4, 6P Pollution Degree 3 3 Rated surge voltage 1 kV Mechanical data Material data Mechanical data Metrial data Coating locking nickel plated Locking material Brass		
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 MBil/s Industrial communication Ethernet functionality duplex Full duplex Installation Connection Mounting set M16 x 1.5 Family construction form M12 Width across flats SW19 Device protection Electrical Protection NEMA 3, 4, 6P Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) 1 Mechanical data Material data Material of the plated Looking material Brass		
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 MBit/s Industrial communication Ethernet functionality duplex Full duplex Installation Connection Mounting set M16 x 1.5 Family construction form M12 Width across flats SW19 Device protection Electrical Protection NEMA 3, 4, 6P Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking material Brass Mechanical data Mounting data	Packaging unit	
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 M16 x 1.5 Family construction form M12 Width across flats SW19 Device protection Electrical Protection NEMA 3, 4, 6P Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1)		
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 M16 x 1.5 Family construction form M12 Width across flats SW19 Device protection Electrical Protection NEMA 3, 4, 6P Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1)	Operating voltage DC max.	60 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 MBit/s Industrial communication Ethernet functionality duplex Full duplex Installation Connection Mounting set M16 x 1.5 Family construction form M12 Width across flats SW19 Device protection Electrical Protection NEMA 3, 4, 6P Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking nickel plated Locking material Brass Mechanical data Mounting data		
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 M16 x 1.5 Family construction form M12 Width across flats SW19 Device protection Electrical Protection NEMA 3, 4, 6P Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking Locking material Brass		1,5 A
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 M16 x 1.5 Family construction form M12 Width across flats SW19 Device protection Electrical Protection NEMA 3, 4, 6P Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking nickel plated Locking material Brass Mechanical data Mounting data		
Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex Installation Connection Mounting set M16 x 1.5 Family construction form M12 Width across flats SW19 Device protection Electrical Protection NEMA 3, 4, 6P Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking nickel plated Locking material Brass Mechanical data Mounting data		CATE Class D (ISO/IEC 11801-2002) /EN 50172 1)
Industrial communication Ethernet functionality duplex Full duplex Installation Connection Mounting set M16 x 1.5 Family construction form M12 Width across flats SW19 Device protection Electrical Protection NEMA 3, 4, 6P Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking nickel plated Locking material Brass Mechanical data Mounting data	<u> </u>	
duplex Full duplex Installation Connection Mounting set M16 x 1.5 Family construction form M12 Width across flats SW19 Device protection Electrical Protection NEMA 3, 4, 6P Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking nickel plated Locking material Brass Mechanical data Mounting data		
Installation Connection Mounting set M16 x 1.5 Family construction form M12 Width across flats SW19 Device protection Electrical Protection NEMA 3, 4, 6P Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking nickel plated Locking material Brass Mechanical data Mounting data	•	
Mounting set M16 x 1.5 Family construction form M12 Width across flats SW19 Device protection Electrical Protection NEMA 3, 4, 6P Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking nickel plated Locking material Brass Mechanical data Mounting data	duplex	Full duplex
Family construction form M12 Width across flats SW19 Device protection Electrical Protection NEMA 3, 4, 6P Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking nickel plated Locking material Brass Mechanical data Mounting data	Installation Connection	
Width across flats Device protection Electrical Protection NEMA 3, 4, 6P Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking nickel plated Locking material Brass Mechanical data Mounting data	Mounting set	M16 x 1.5
Protection NEMA 3, 4, 6P Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking nickel plated Locking material Brass Mechanical data Mounting data	Family construction form	M12
Protection NEMA 3, 4, 6P Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking nickel plated Locking material Brass Mechanical data Mounting data	Width across flats	SW19
Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking nickel plated Locking material Brass Mechanical data Mounting data	Device protection Electrical	
Rated surge voltage 1 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking nickel plated Locking material Brass Mechanical data Mounting data	Protection NEMA	3, 4, 6P
Material group (IEC 60664-1) Mechanical data Material data Coating locking nickel plated Locking material Brass Mechanical data Mounting data	Pollution Degree	3
Mechanical data Material data Coating locking nickel plated Locking material Brass Mechanical data Mounting data	Rated surge voltage	1 kV
Coating locking nickel plated Locking material Brass Mechanical data Mounting data	Material group (IEC 60664-1)	
Locking material Brass Mechanical data Mounting data	Mechanical data Material data	
Mechanical data Mounting data	Coating locking	nickel plated
	Locking material	Brass
Mounting method inserted, screwed	Mechanical data Mounting data	
	Mounting method	inserted, screwed



stay connected

perating temperature min.	-25 °C
perating temperature max.	85 °C
dditional condition temperature range	depending on cable quality
mportant installation notes	
ote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
ote on bending radius	endangered by excessive bending forces.
Conformity	
roduct standard	DIN EN 61076-2-101 (M12)
Approvals	
L 50E	yes
nstallation Cable	
able identification	794
acket Color	green
ype of Certificate	cURus
mount stranding	1
tranding	4 wires around Filler twisted
able shielding (type)	copper braid, tinned
able shielding (coverage)	85 %
anding	Fleece, Foil
iller	yes
ire arrangement	white, yellow, blue, orange
able weigth	75,87 g/m
aterial jacket	PUR
hore hardness jacket	89 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
uter-diameter (jacket)	6,7 mm
olerance outer diameter (sheath)	±5%
aterial inner jacket	FRNC
olor (inner jacket)	white
aterial wire insulation	PE
mount wires	4
uter diameter insulation	1,55 mm
uter diameter tolerance core insulation	±5%
hore hardness wire insulation	65 Shore D
gredient freeness wire insulation	lead-free, CFC-free, halogen-free
mount strands (wire)	7
ameter of single wires	22 AWG
onductor crosssection (wire)	22 AWG
aterial conductor wire	Stranded copper wire, bare
ominal voltage AC max.	300 V
urrent load capacity (standard)	to DIN VDE 0298-4
urrent load capacity min. wire	4,8 A
haracteristic impedance	100 Ω ± 15 %
lectrical resistance line constant wire	55 Ω/km @ 20 °C
C withstand voltage (wire - wire)	2 kV @ 60 s
lectrical capacity line constant (wire - wire)	52000 pF/km
ower frequency withstand voltage (wire - cket)	2 kV @ 60 s
C withstand voltage (wire - shield)	2 kV @ 60 s

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-17



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