

## 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

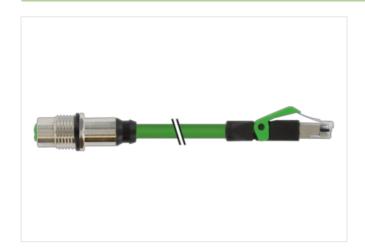
Rear mounting

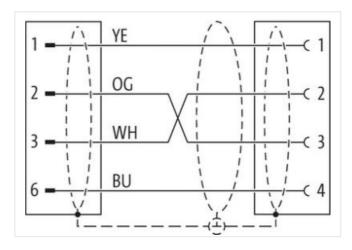
Transmission properties with channel transmission up to 100 m

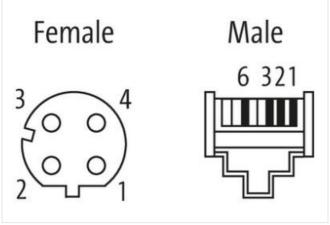
Further cable lengths on request.

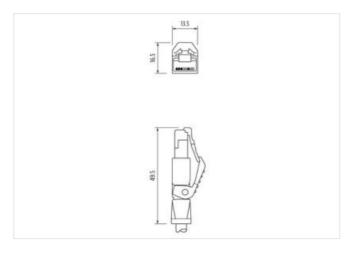
## **Link to Product**

## 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           ECLASS 1.0         2746103 <t< td=""><td></td><td>M12</td></t<>		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. (UL-fisted)         30 V           Operating voltage DC max. (UL-fisted)         30 V           Current porating par contact max.         1.5 A </td <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.         60 V           Operating voltage DC max. (UL-listed)         30 V           Industrial communication         1,5 A           Industrial communication         100 MBit/s           Industrial communication   Elternet functional industrial communication   Elercinet functional industrial communication   Elercinet functi	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.         60 V           Operating voltage DC max. (UL-listed)         30 V           Industrial communication         1,5 A           Industrial communication         100 MBit/s           Industrial communication   Elternet functional industrial communication   Elercinet functional industrial communication   Elercinet functi	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           Vidth across flats         SW19           Device protection   Electrical         1 kV           Material group (IcC 6		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         installation   Connection           Mounting set         M16 x 1.5           Family construction form         M12           Written construction   Electrical         W19           Device protection   Electrical         Protection NEMA           Pollution Degree         3           Rate surge voltage         1 kV           Material group (IEC 60664-1)         1           Mechanical data   Mounting data		
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         Under the communication   Ethernet functivality           duplex         Full duplex           Installation   Connection         M12           Width across flats         SW19           Device protection   Electrical           Protection NEMA         3, 4, 6P           Pollution Degree         3           Rated surge voltage         1 kV           Mechanical data   Meterial data           Cocking 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) I  Mechanical data   Material data  Coating locking nickel plated  Locking material Brass  Mechanical data   Mounting data		
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 nickel plated  Locking material Brass  Mechanical data   Mounting data	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



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