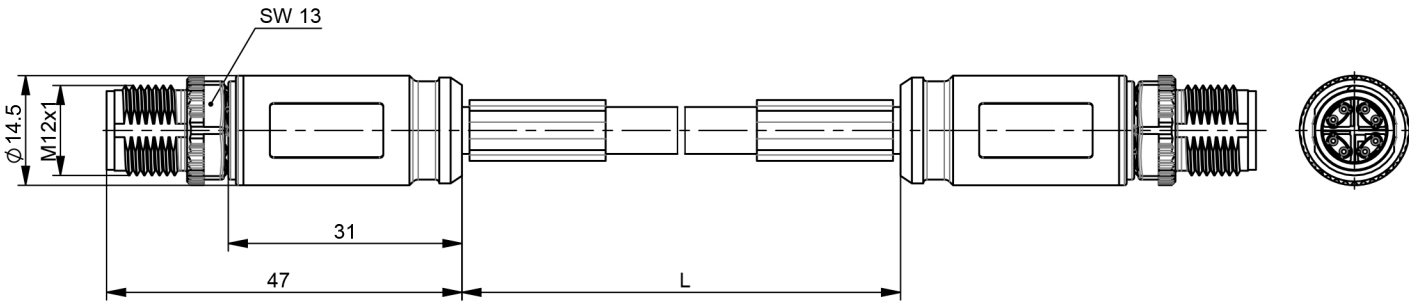
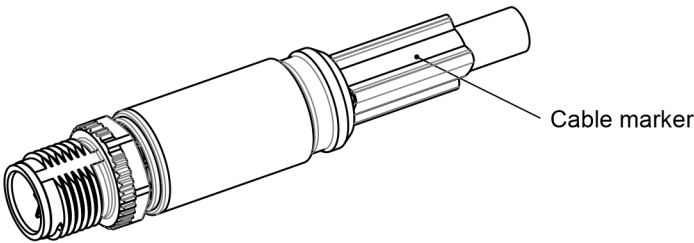


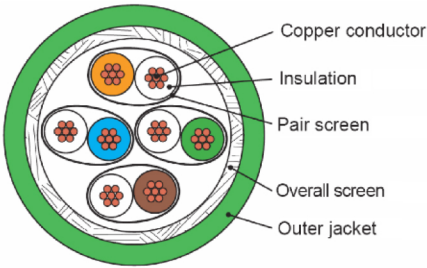


Length (mm)	<100	<200	<1000	<2000	<5000	<10000	<20000	≥20000
Tolerance	+10	+30	+70	+100	+150	+200	+250	+350

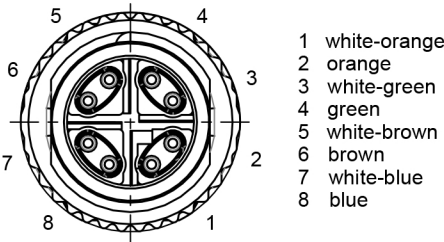
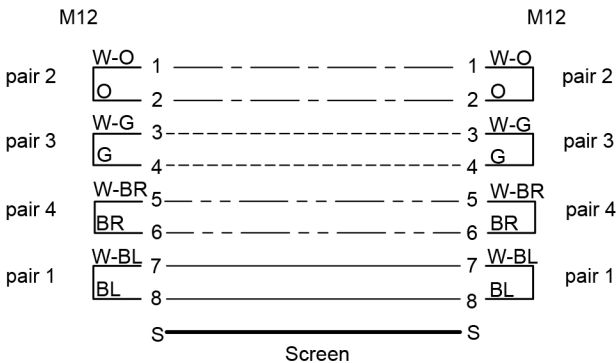
Strain Relief Overmolded



Construction LI02YSC11Y 4x20x0.48 PiMF PUR



Connection Diagram 1:1 Pin Assignment



Packing

1 piece in PE bag with label
Outer packing for cables ≤ 7.5 m:
Carton 385 mm x 285 mm x 192 mm (outside dimensions)
Outer packing for cables > 7.5 m:
Carton 380 mm x 275 mm x 295 mm (outside dimensions)
Outer packing unit differs according to cable length

TG P/N and EAN number

L (mm)	Green RAL 6018	Pieces per box
500	L80000A0000 4018359446840	100
1000	L80000A0001 4018359446857	80
2000	L80001A0000 4018359446864	50
3000	L80002A0000 4018359446871	40
5000	L80003A0000 4018359446888	25
7500	L80004A0000 4018359446895	16
10000	L80005A0000 4018359446901	20

Optional

Order no.	Description	Pkg. Qty
N80050A0002	Torque wrench 0.6 Nm, AF 13	1

Technical Data	
Connector standard	IEC 61076-2-109
Cable specifications see	L02002A0145
Mechanical Characteristics	
Insertion force	≤ 30N
Durability (mating cycles)	≥ 100
Materials	
Housing	Zinc diecast nickel-plated
Contact finish	over Ni
Cable boot	TPU UL94 HB black RAL 9005
Outer jacket	PUR green RAL 6018
Cable outer diameter	6.2 mm ± 0.2 mm (0.244 in. ± 0.008 in.)
Cable marking	Cat.7 S/FTP 4x2xAWG26/7 PUR LI02YSC11Y PIMF IEC 60332-1 E344985 AA c(UL)us CMX -40°C ~ +85°C (sequential length in meters)
Colour of cable marking	blue
Additional product printing	CP01CP01B-SFTP2607-1PUR-AXXXX Production Date Factory Location
Colour of product printing	black
Directive 2011/65/EU (RoHS)	RoHS compliant
Environment Requirements	
Protection against ingress	
Particulate ingress	IP6X *
Water / Immersion	IPX7 *
Pollution degree	3
Climatical and chemical	
Ambient temperature	-40°C to +85°C

* Technical data applies to M12x1 products that meet the IEC 61076-2-109 standards and the appropriate combinations of IP67 plugs.

Technical Data	
Electrical Characteristics	
Connection	Reference Connection Diagram
Current carrying capacity at 40°C	0.5 A
Rated voltage **	50 V / AC, 60 V / DC
PoE+ according to IEEE 802.3at	Adequate for Power over Ethernet+
Transmission Performance ***	
10 Gigabit Ethernet acc. to IEEE 802.3an	Adequate for 10 Gigabit Ethernet
Category 6 _A	IEC 61076-2-109
Class E _A	ISO/IEC 11801; DIN EN 50173-1
Standards	
Specification for pair equipment connection cable	IEC 61156-6 DIN EN 50288-4-2
UL Standard for Communication circuit Accessories	UL 1863
Degrees of protection provided by enclosures (IP code)	IEC 60529
Approval	
UL listed	E244889

** The rated voltage is based on pollution degree 2

*** The aforementioned standards are valid as of 2.15.2016