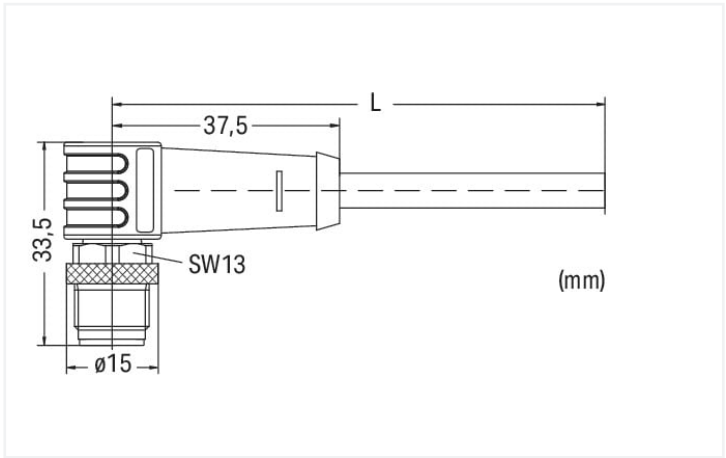
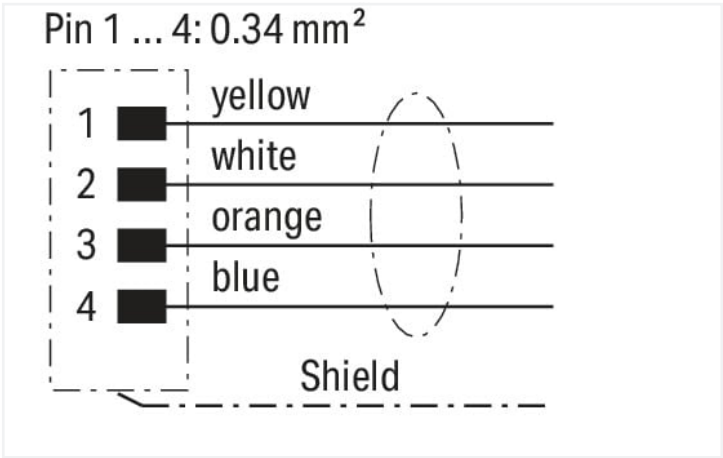
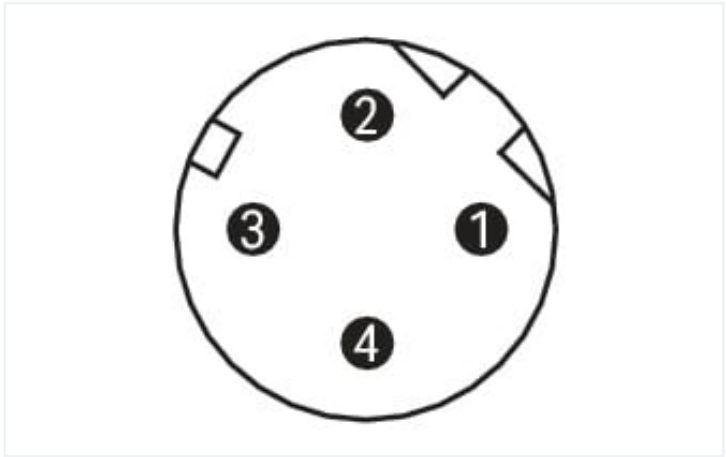




Color: ■ green



- Short description:**
- PUR GN, halogen-free
 - CAT 5e ES
 - Suitable for drag chains
 - Silicon- and CFC-free
 - High resistance to microbes, hydrolysis, oil, ozone, chemicals and UV radiation
 - Cable used: UL listed

Technical data			
General information		Drag chain compatible	
Operating voltage	250 V	Bending diameter (min.)	200 mm
Operating current	4 A	Bending radius	Single: 5 x cable diameter (min.); Multiple: 7.5 x cable diameter (min.)
Rated surge voltage	2 kV	Bending cycles	3 million
Insulation resistance	≥ 5 x 10 ⁸ Ω/km	Acceleration (min.)	4 m/s ²
Contact resistance	10 mΩ	Travel speed (max.)	4 m/s
Conductor resistance	< 57 Ω/km	Travel path (horizontal) max.	10 m
Pollution degree	3/2 per IEC 60664-1		
Protection type	IP67		
Ambient (operating) temperature (static)	-40 ... +70 °C		
Ambient (operating) temperature (dynamic)	-40 ... +70 °C		



Cable	
Cable length	2 m
Type code	02YH(ST)C11Y 2x2x0.75/1.5-100 LI GN VZN FRNC, shielded
Overall shield	Overlapped aluminum-laminated foil and tinned copper braid, optical coverage approx. 85 %
Conductor configuration	Bare copper wire (7 x 0.25 mm)
Conductor insulation	Halogen-free PE
Sheath material	Polyurethane (PUR), halogen-free per VDE 0250 Part 818, flame resistant per IEC 60332-1-2
Sheathed cable diameter	6.3 ... 6.7 mm

Connector	
Connection type	M12 plug - free end
Pole number	4
Cable connection direction to mating direction	90 °
Connector interface coding (cable/adaptor) 1 1	D-coded
Housing material	TPU/TPU, black (~ RAL 9005)
Contact material	CuZn
Tightening torque	1 Nm

Commercial data	
eCl@ss 10.0	27-06-18-01
eCl@ss 9.0	27-06-18-01
ETIM 8.0	EC002599
ETIM 7.0	EC003249
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454521790
Customs tariff number	85444210000

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc.	UL 2238	E519602

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 756-1202/060-020	



CAD/CAE-Data	
CAE data	
WSCAD Universe 756-1202/060-020	