



Item description

Short description:

- PUR VT, halogen-free
- Suitable for drag chains
- Good resistance to microbes, hydrolysis, oil, chemicals and UV radiation
- Good chemical resistance
- Cable used: UL listed

Data

Technical Data

Connection type	M12 socket - M12 plug
No. of poles	5
Leitungsanschlussrichtung zur Steckrichtung	0°
Leitungsanschlussrichtung zur Steckrichtung (2)	0°
Steckgesichtskodierung Leitung/Adapter 1 1	A coded
Steckgesichtskodierung Leitung/Adapter 2 1	A coded
Cable length	0.5 m
Communication/Fieldbus	CANopen
Communication/Fieldbus (2)	DeviceNet
Operating voltage	≤ 300 V
Operating current	4 A
Rated surge voltage	2 kV
Contact resistance	10 MΩ
Insulation resistance	≥ 2 x 10 ⁸ Ω/km
Resistance of conductor	≤57 Ω/km (AWG22) + ≤79 Ω/km(AWG24)

Mechanical data

bending radius	min. 5 x cable Ø
Bending cycles	5 Mio.
Schleppkettentauglichkeit	yes
Durchmesser der Mantelleitung	6.6 ... 7.2 mm
Bauartkurzzeichen	L-02YC11Y 2xAWG24 + 2xAWG22/1,4-120 VI FRNC, geschirmt
Screening	tinned copper braid, optical coverage approx. 85 %
Conductor design	Bare copper wire (19 x 0.125 mm)
Leiterisolierung	PE halogenfrei
Housing material	TPU/TPU, black (~ RAL 9005)
Tightening torque	1 Nm
Weight	55 g

Environmental Requirements

Umgebungstemperatur (Betrieb) bewegt	-40 ... +80 °C
Umgebungstemperatur (Betrieb) ruhend	-40 ... +80 °C
Protection class	IP67
Degree of pollution (5)	3/2 per IEC 60664-1



Commercial data

Country of origin	DE
GTIN	4050821206224
Customs Tariff No.	85444290900

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Documentation

System Description

I/O-SYSTEM – SPEEDWAY, General Product Information	pdf 1.1 MB	Download
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Subject to changes.