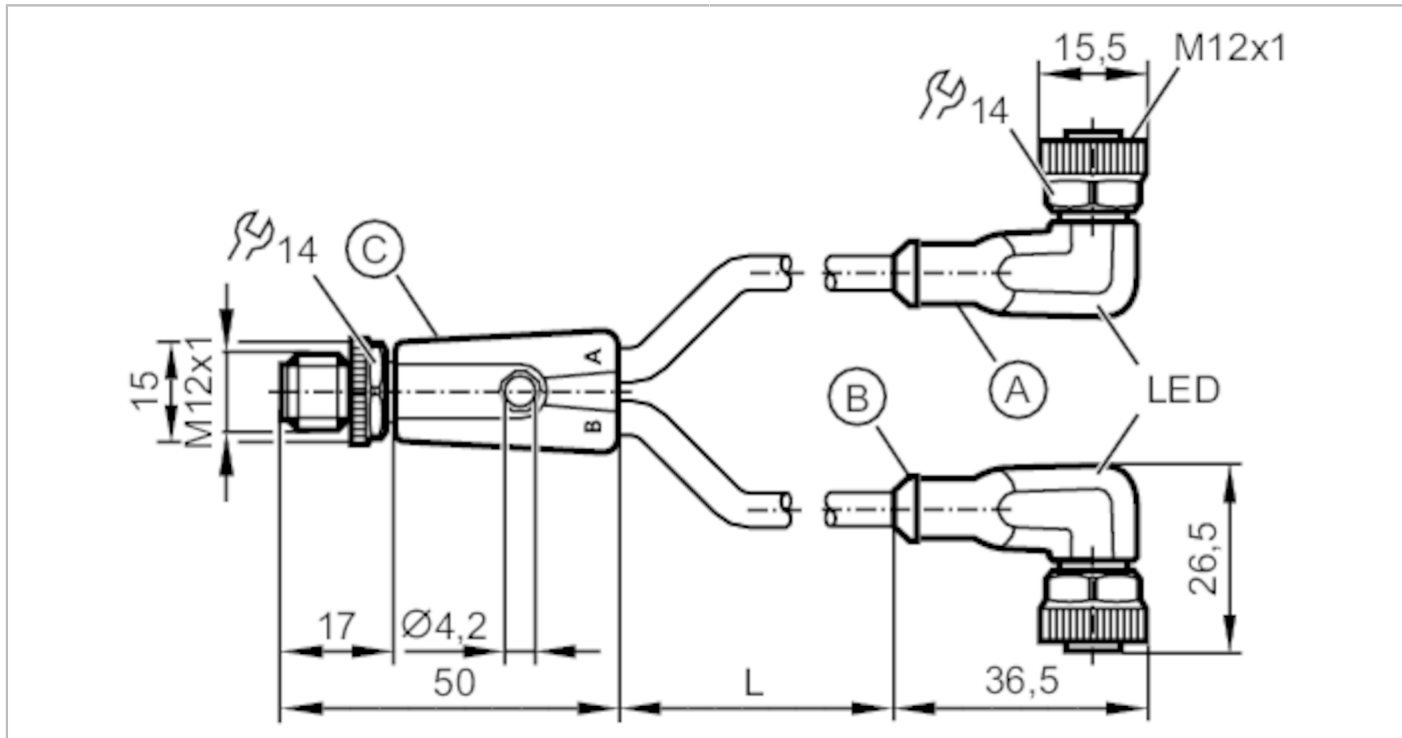


EVC522



Y connection cable

YDOAH032MSS0010H03STGH040MSS



Application

Special feature	Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability
Free from silicone	yes

Electrical data

Operating voltage	[V]	10...36 DC
Protection class		II
Max. current load total	[A]	4

Outputs

Electrical design	PNP
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Operating conditions

Ambient temperature	[°C]	-25...90
Note on ambient temperature		cULus: ...75
Ambient temperature (moving)	[°C]	-25...90
Note on ambient temperature (moving)		cULus: ...75
Protection		IP 65; IP 67; IP 68; IP 69K



Y connection cable

YDOAH032MSS0010H03STGH040MSS

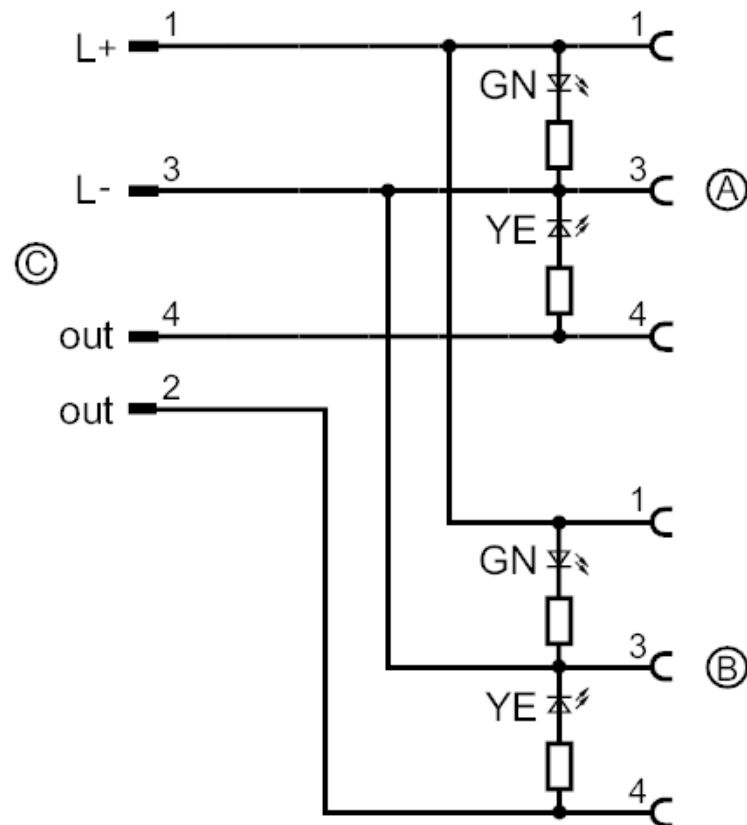
Mechanical data		
Weight	[g]	362
Materials	connector housing: TPU orange; socket housing: TPU black transparent; Sealing: FKM	
Material nut	brass, nickel-plated / brass, nickel-plated	
Number of ports splitter box	2	
Drag chain suitability	yes	
Drag chain suitability	bending radius for flexible use	min. 10 x cable diameter
	travel speed	max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s²
	bending cycles	> 5 Mio.
	torsional strain	± 180 °/m
Displays / operating elements		
Display	switching status	1 x LED, yellow
	operation	1 x LED, green
Remarks		
Notes	Please see the technical note under "Downloads"	
Pack quantity	1 pcs.	
Electrical connection		
Cable: 10 m, PUR, Halogen-free, black, Ø 4.3 mm; 3 x 0.34 mm² (42 x Ø 0.1 mm)		
Electrical connection - plug		
Connector: 1 x M12; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm		
		

Y connection cable

YDOAH032MSS0010H03STGH040MSS

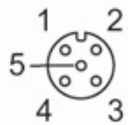
Electrical connection

Connection



Electrical connection - socket

Connector: 2 x M12; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm

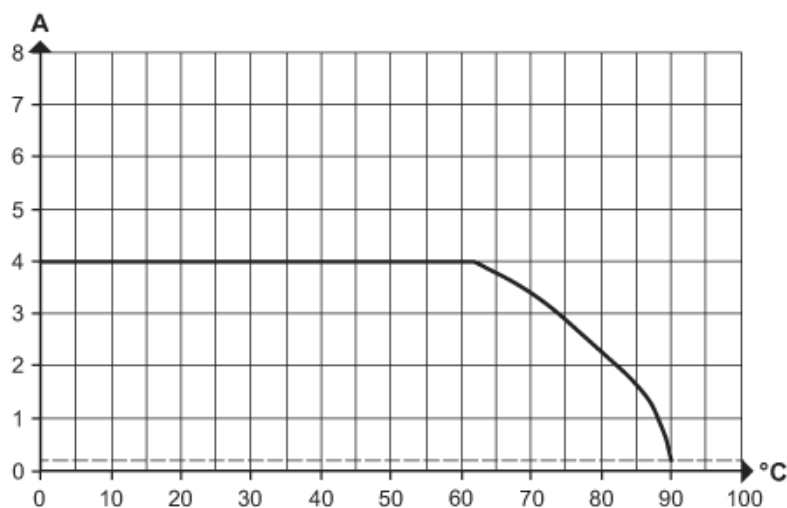




Y connection cable

YDOAH032MSS0010H03STGH040MSS

Diagrams and graphs



Derating $I_{max} * 0.8$ DIN EN 60512-5-2

X Ambient temperature [°C]

Y Current [A]