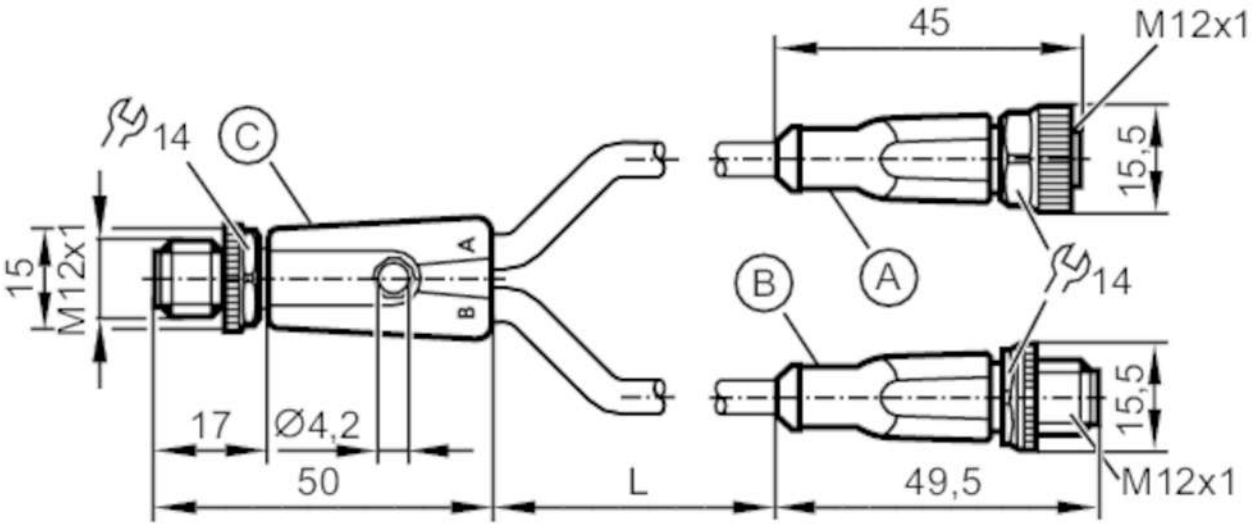
EVC801

Y connection cable

YDSGH050MSS0002H05STGH050MSS

Please see the technical note under "Downloads"



Application			
Special feature		Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability	
Free from silicone		yes	
Electrical data			
Operating voltage	[V]	30 DC	
Protection class		III	
Max. current load total	[A]	4	
Operating conditions			
Ambient temperature	[°C]	-25...90	
Protection		IP 65; IP 67; IP 68; IP 69K	
Mechanical data			
Weight	[g]	186.5	
Moulded-body material		TPU / TPU	
Material nut		brass, nickel-plated	
Sealing material		Viton	
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

EVC801

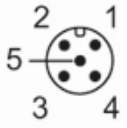
Y connection cable

YDSGH050MSS0002H05STGH050MSS

Remarks	
Notes	Please see the technical note under "Downloads"
Pack quantity	1 pcs.

Electrical connection - plug C

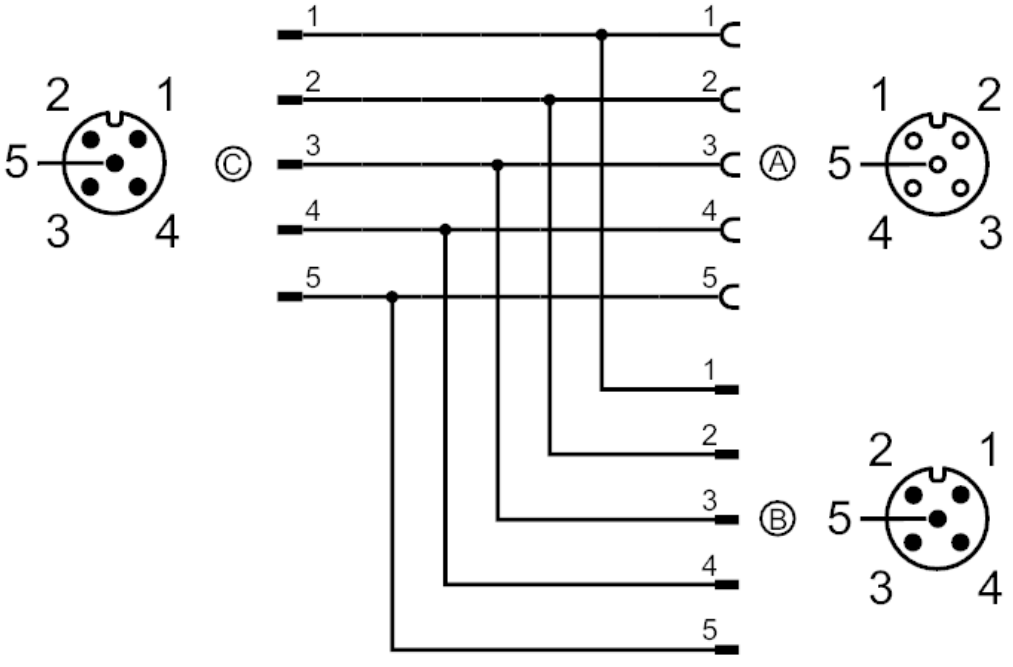
Connector: M12, straight; coding: A; Moulded body: TPU, orange; Locking: Lock nut, brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm; Take into account the maximum value of the counterpart!



Electrical connection

Cable: 2 m, PUR, Halogen-free, black, Ø 4.9 mm; 5 x 0.34 mm² (42 x Ø 0.1 mm)

Connection



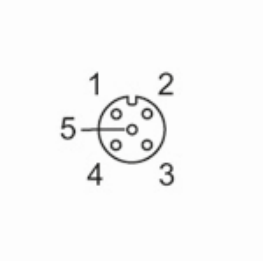
EVC801

Y connection cable

YDSGH050MSS0002H05STGH050MSS

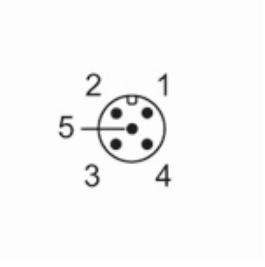
Electrical connection - socket A

Connector: M12, straight; coding: A; Moulded body: TPU, orange; Locking: Lock nut, brass, nickel-plated; Sealing: Viton; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm; Take into account the maximum value of the counterpart!

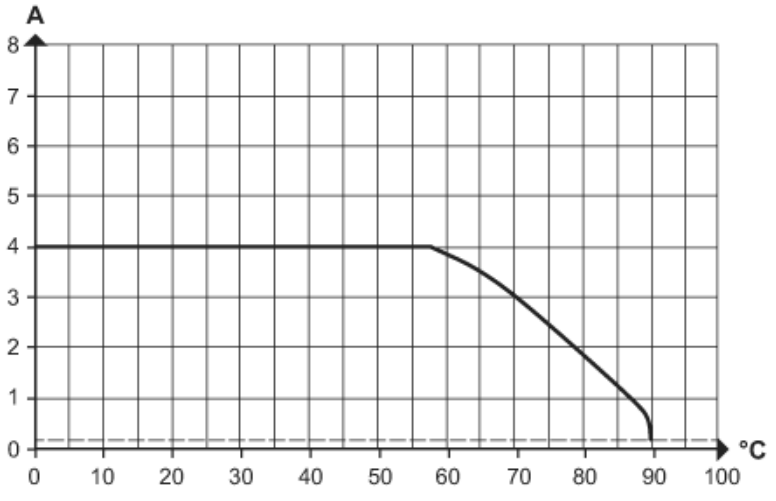


Electrical connection - plug B

Connector: M12, straight; coding: A; Moulded body: TPU, orange; Locking: Lock nut, brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm; Take into account the maximum value of the counterpart!



Diagrams and graphs



Derating Imax * 0.8 DIN EN 60512-5-2

X Ambient temperature [°C]

Y Current [A]