

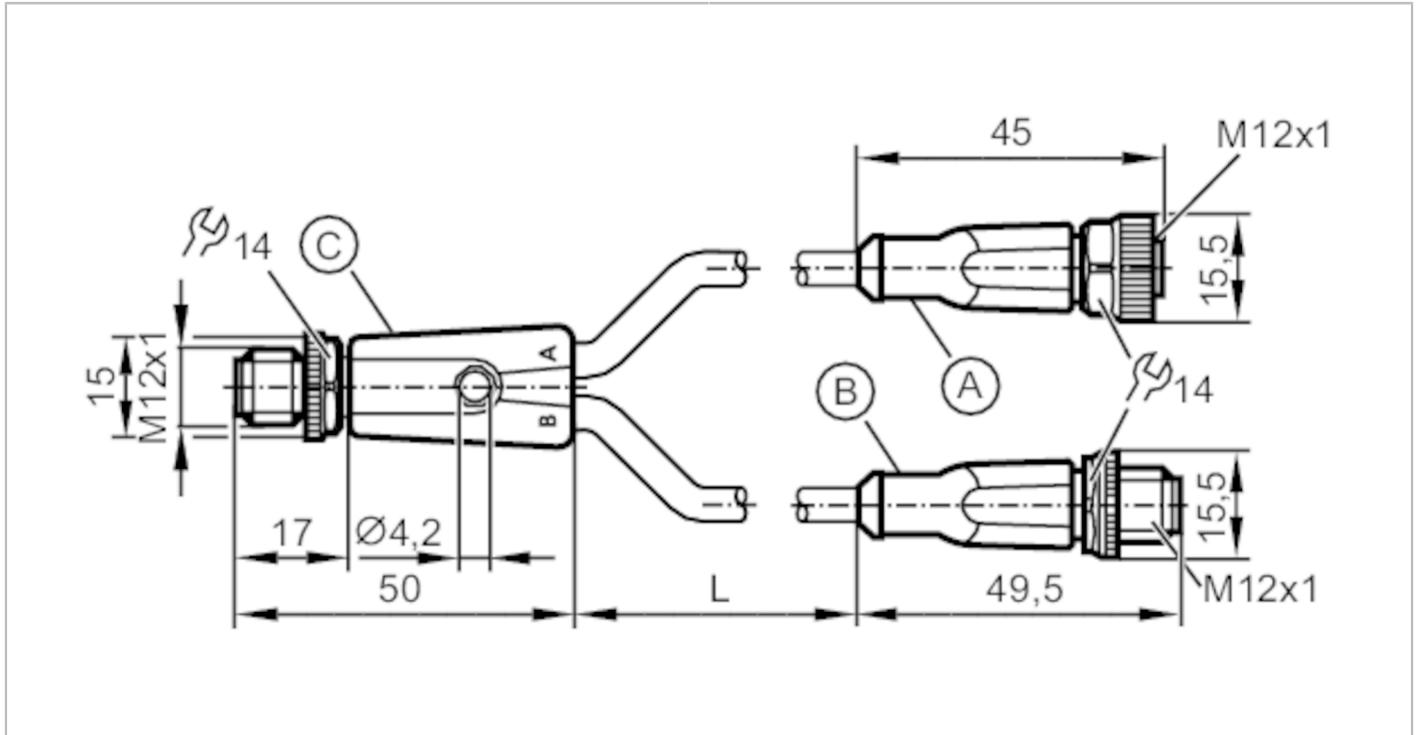
EVC695



Y connection cable

YDSGHDA0MSS0005HDASTGH030MSS

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]	< 24 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]	354.4								
Moulded-body material	TPU / TPU								
Material nut	brass, nickel-plated								
Sealing material	FKM								
Connector type	M12								
Drag chain suitability	yes								
Drag chain suitability	<table border="1"> <tr> <td>bending radius for flexible use</td> <td>min. 10 x cable diameter</td> </tr> <tr> <td>travel speed</td> <td>max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s²</td> </tr> <tr> <td>bending cycles</td> <td>> 5 Mio.</td> </tr> <tr> <td>torsional strain</td> <td>± 180 °/m</td> </tr> </table>	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/s ²	bending cycles	> 5 Mio.	torsional strain	± 180 °/m
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Remarks

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

Electrical connection - plug C

Cable: 5 m, PUR, Halogen-free, black, Ø 4.9 mm; 3 x 0.34 mm² (42 x Ø 0.1 mm)

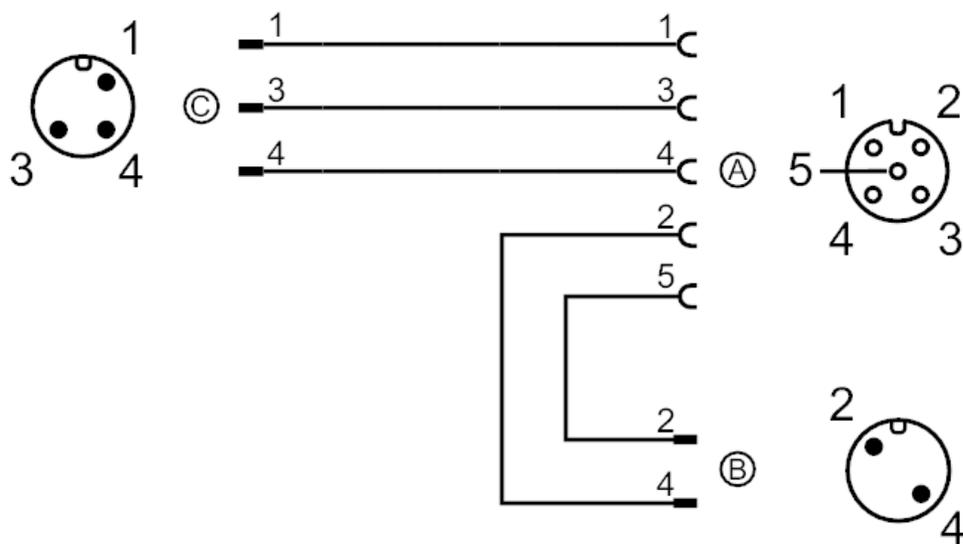
Connector: M12, straight; coding: A; Moulded body: TPU, orange; Locking: Lock nut, brass, nickel-plated; Contacts: gold-plated;

Tightening torque: 0.6...1.5 Nm; Take into account the maximum value of the counterpart!



Electrical connection

Connection



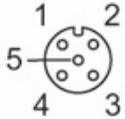


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Electrical connection - socket A

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



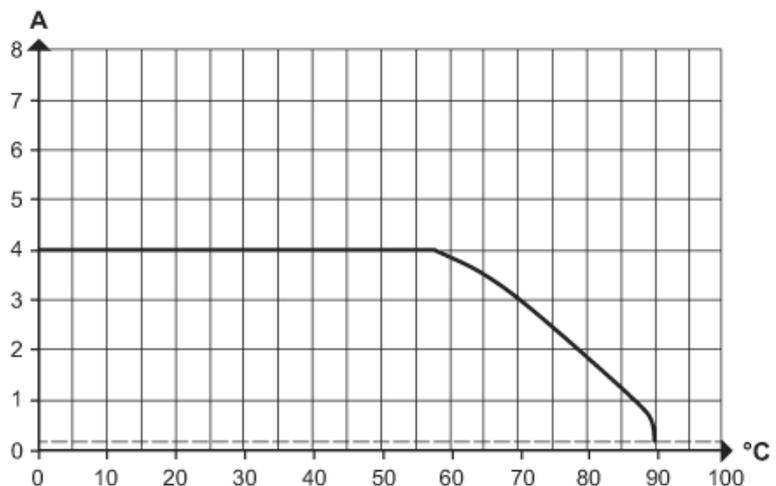
Electrical connection - plug B

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

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

X Ambient temperature [°C]

Y Current [A]