

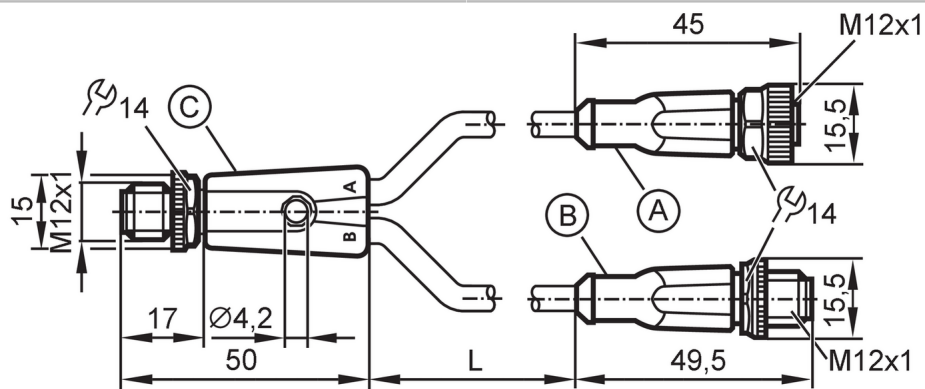
EVC801



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	
Application	Industrial applications; Oils and coolants	
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
Molded-body material	TPU (urethane) / TPU (urethane)	
Material nut	brass, nickel-plated	
Sealing material	FKM	
Drag chain suitability	yes	
Drag chain suitability	Bending radius for flexible applications	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
Remarks		
Notes	Please see the technical note under "Downloads"	
Pack quantity	1 pcs.	

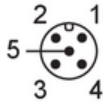


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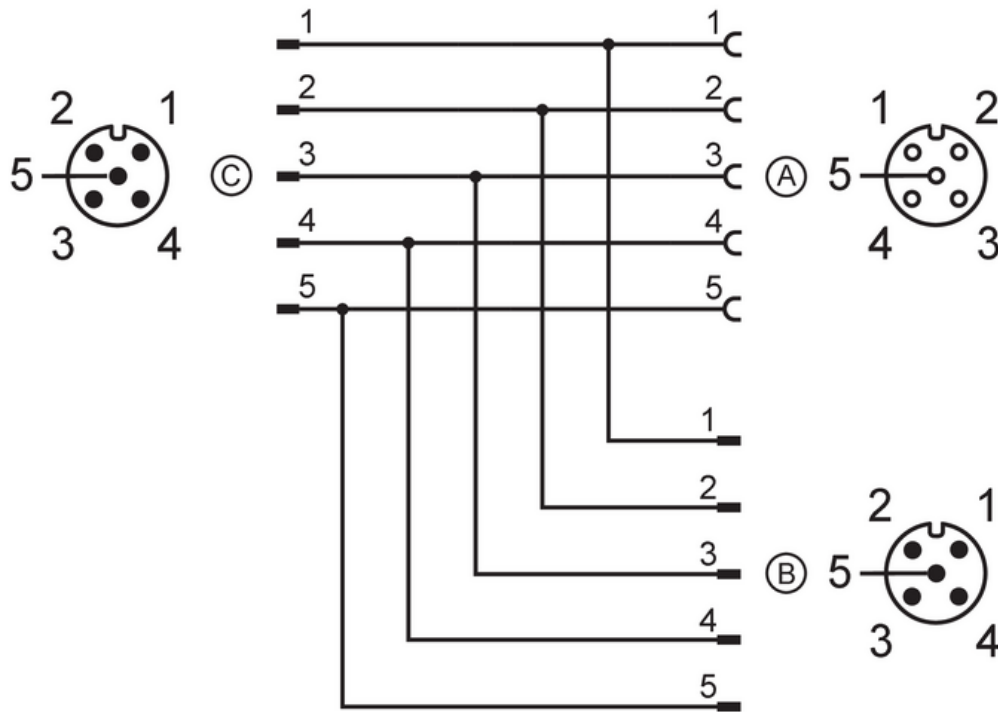
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Electrical connection - plug C

Connector: 1 x M12, straight; coding: A; Contacts: 5, gold-plated; Moulded body: TPU (urethane), orange; Locking: knurled nut, brass, nickel-plated; Tightening torque: 0.6...1.5 Nm; Take into account the maximum value of the counterpart!



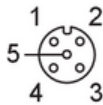
Connection



Electrical connection - Socket A

Cable: 2 m, PUR, Halogen-free, black, Ø 4.6 mm; 5 x 0.34 mm² (42 x Ø 0.1 mm)

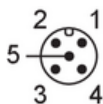
Connector: 1 x M12, straight; coding: A; Contacts: 5, gold-plated; Moulded body: TPU (urethane), orange; Locking: knurled nut, brass, nickel-plated; sealing: FKM; Tightening torque: 0.6...1.5 Nm; Take into account the maximum value of the counterpart!



Electrical connection - plug B

Cable: 2 m, PUR, Halogen-free, black, Ø 4.6 mm; 5 x 0.34 mm² (42 x Ø 0.1 mm)

Connector: 1 x M12, straight; coding: A; Contacts: 5, gold-plated; Moulded body: TPU (urethane), orange; Locking: knurled nut, brass, nickel-plated; Tightening torque: 0.6...1.5 Nm; Take into account the maximum value of the counterpart!



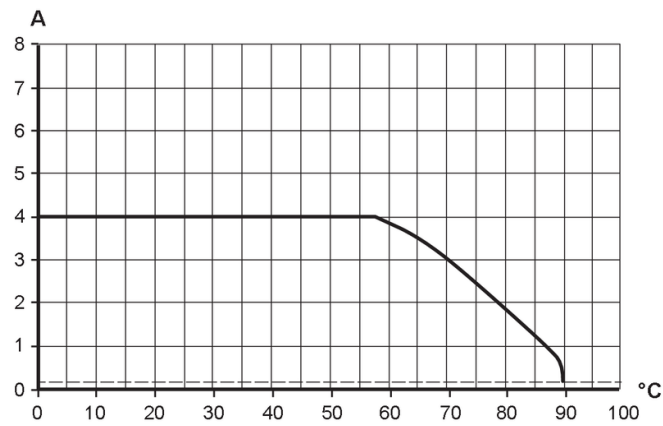
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Diagrams and graphs



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

- X Ambient temperature [°C]
- Y Current [A]