

Y connection cable

YDSGHDA0MSS0002HDASTGH030MSS

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]	172.8	
Moulded-body material		TPU / TPU	
Material nut		brass, nickel-plated	
Sealing material		FKM	
Connector type		M12	
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

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

Electrical connection - plug C

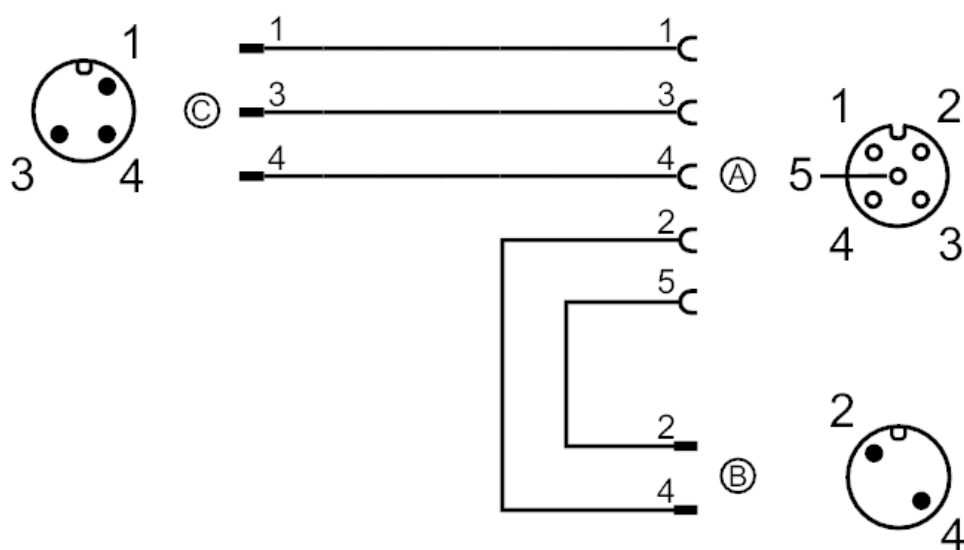
Cable: 2 m, PUR, Halogen-free, black, Ø 4.9 mm; 3 x 0.34 mm² (42 x Ø 0.1 mm)

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!



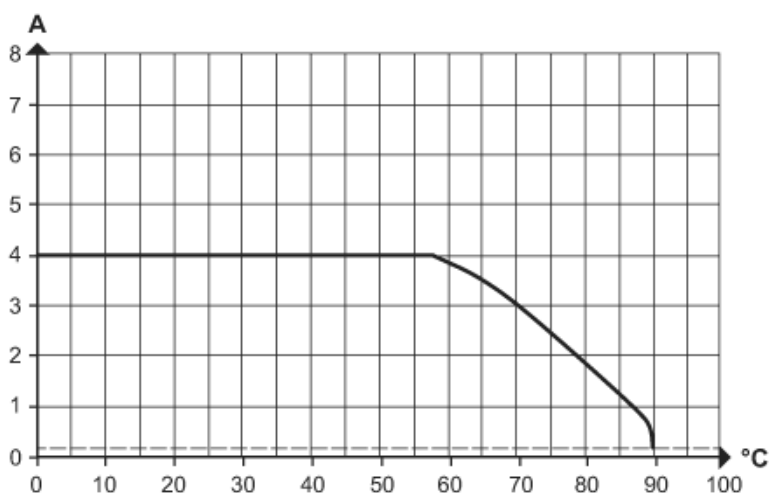
Electrical connection - plug B

Cable: 2 m, PUR, Halogen-free, black, Ø 4.9 mm; 2 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!



Diagrams and graphs



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

X Ambient temperature [°C]

Y Current [A]