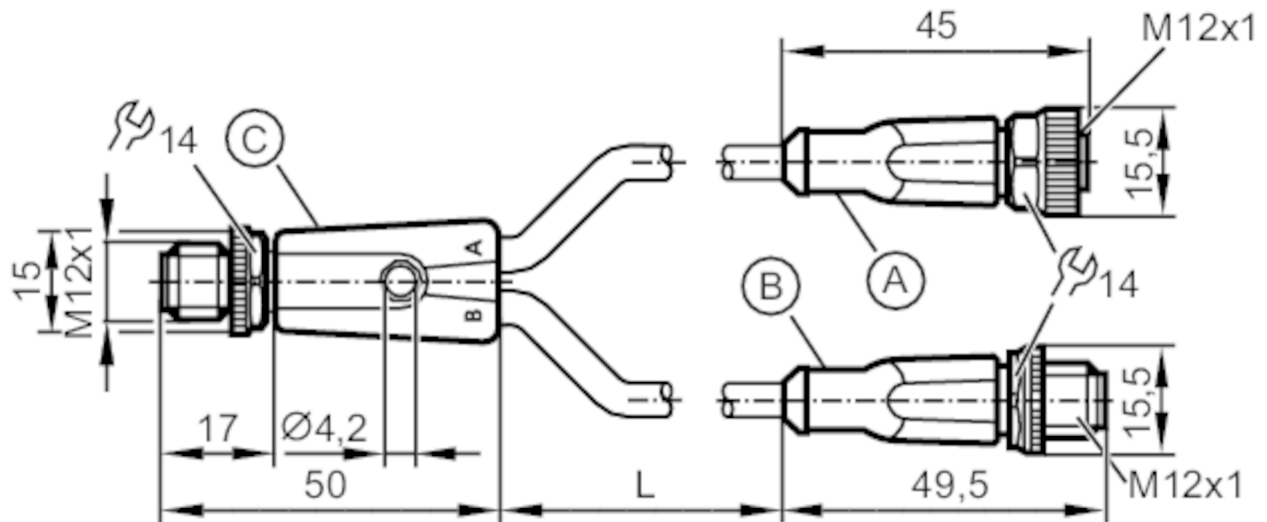


Y connection cable

YDSGHDA0MSS0001HDASTGH030MSS

Please see the technical note under "Downloads"



Application

System	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]	113.6
Molded-body material		TPU (urethane), Halogen-free / TPU (urethane), Halogen-free
Material nut		brass, nickel-plated
Sealing material		FKM
Connector type		M12
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

EVC693



Y connection cable

YDSGHDA0MSS0001HDASTGH030MSS

Remarks

Notes

Please see the technical note under "Downloads"

Pack quantity

1 pcs.

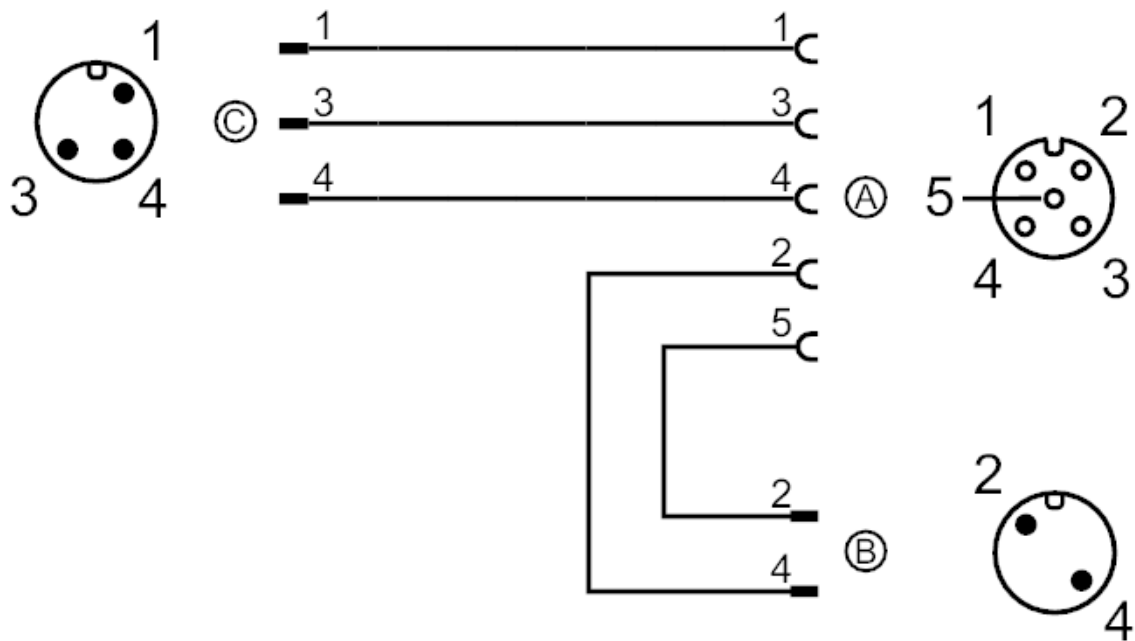
Electrical connection - plug C

Connector: M12, straight; Moulded body: TPU (urethane), Halogen-free, orange; Locking: knurled 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



Electrical connection - Socket A

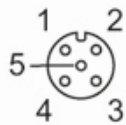
Connector: M12, straight; Moulded body: TPU (urethane), Halogen-free, orange; Locking: knurled nut, brass, nickel-plated; sealing: FKM; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm; Take into account the maximum value of the counterpart!

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Y connection cable

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Electrical connection - socket A

Cable: 1 m, PUR, Halogen-free, black, Ø 4.9 mm; 5 x 0.34 mm² (42 x Ø 0.1 mm)

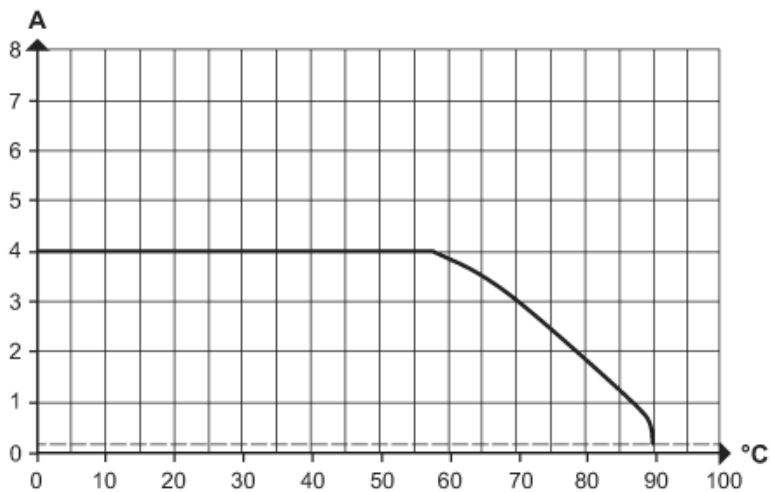
Electrical connection - plug B

Cable: 1 m, PUR, Halogen-free, black, Ø 4.9 mm; 2 x 0.34 mm² (42 x Ø 0.1 mm)

Connector: M12, straight; Moulded body: TPU (urethane), Halogen-free, orange; Locking: knurled 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]