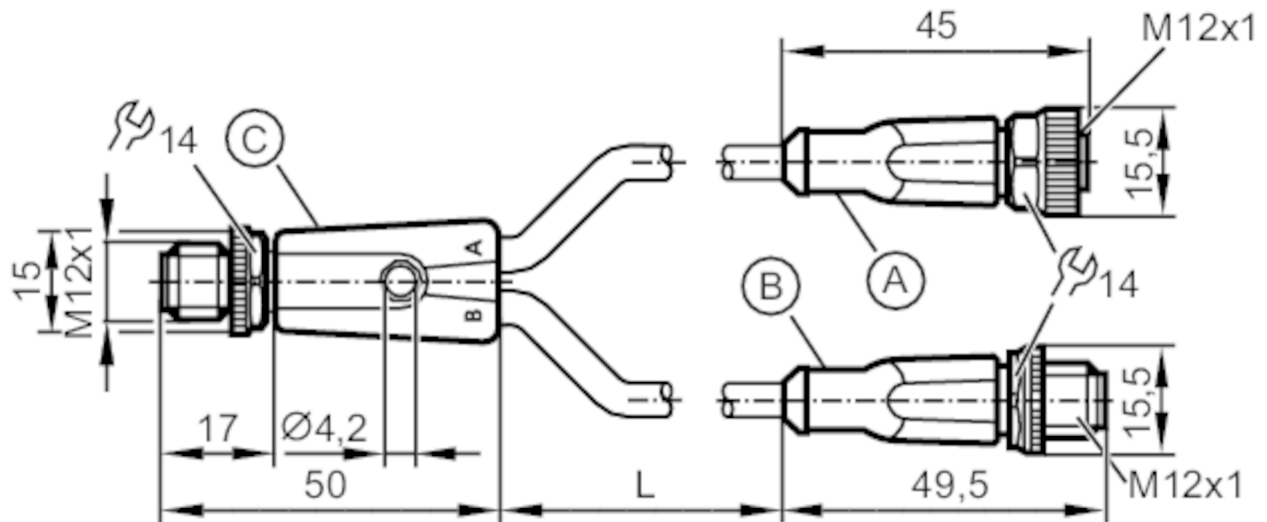


## Y connection cable

YDSGHDA0MSS0002HDASTGH030MSS

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]	172.8	
Molded-body material		TPU (urethane) / TPU (urethane)	
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



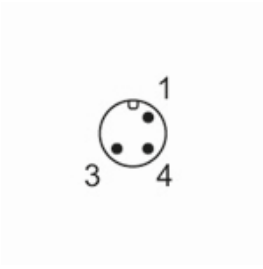
Y connection cable

YDSGHDA0MSS0002HDASTGH030MSS

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

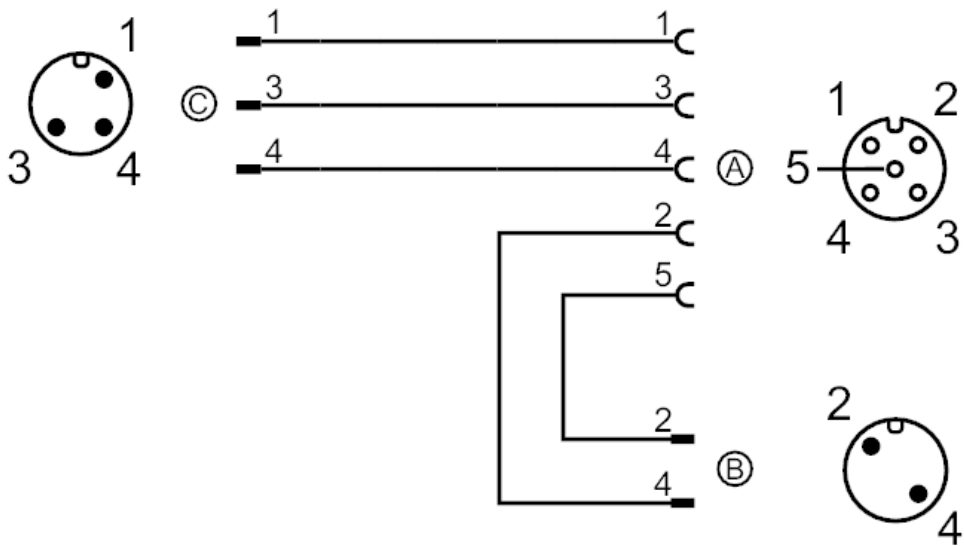
Electrical connection - plug C

Connector: M12, straight; coding: A; Moulded body: TPU (urethane), 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



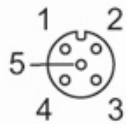


Y connection cable

YDSGHDA0MSS0002HDASTGH030MSS

Electrical connection - Socket A

Connector: M12, straight; coding: A; Moulded body: TPU (urethane), 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!



Electrical connection - socket A

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

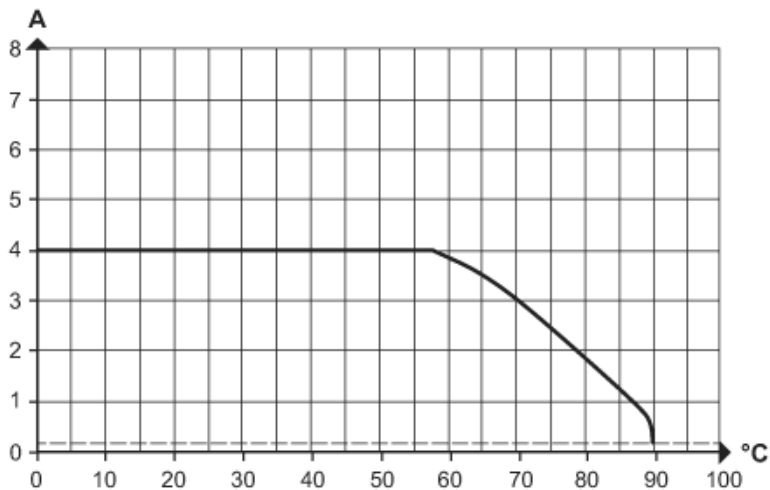
Electrical connection - plug B

Cable: 2 m, PUR, Halogen-free, black, Ø 4.9 mm; 2 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

Connector: M12, straight; coding: A; Moulded body: TPU (urethane), 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<sub>max</sub> \* 0.8 DIN EN 60512-5-2

X Ambient temperature [°C]

Y Current [A]