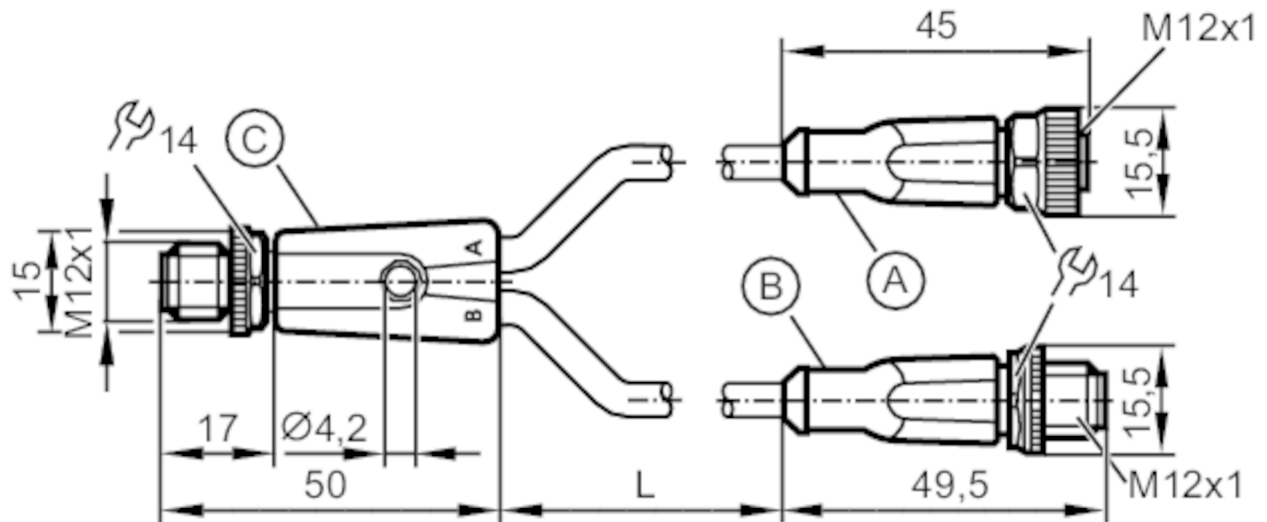


## Y connection cable

YDSGHDA0MSS0001HDASTGH030MSS

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]	114.21	
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	

## Y connection cable

YDSGHDA0MSS0001HDASTGH030MSS

## Remarks

Notes

Please see the technical note under "Downloads"

Pack quantity

1 pcs.

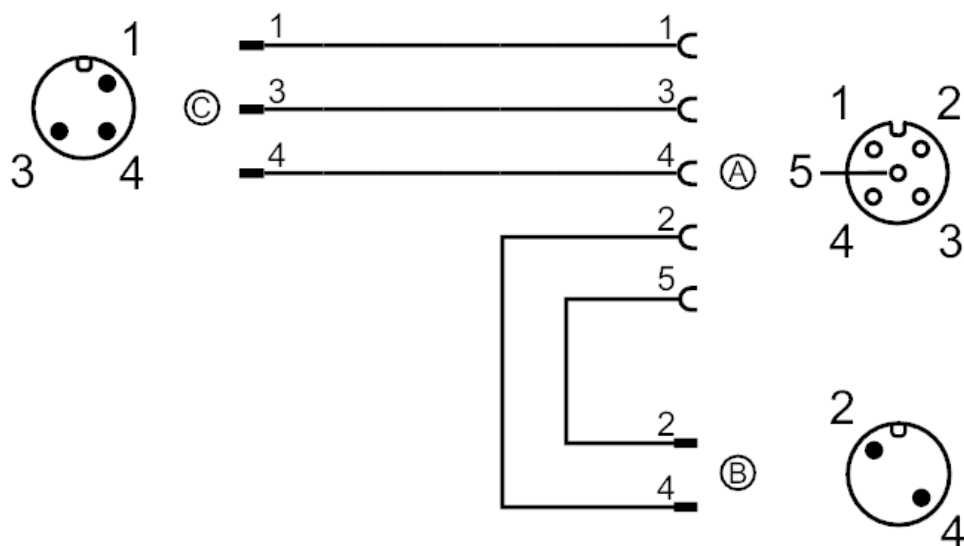
## Electrical connection - plug C

Connector: M12, straight; coding: A; Moulded body: TPU, 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



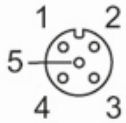
## Y connection cable

YDSGHDA0MSS0001HDASTGH030MSS

### Electrical connection - socket A

Cable: 1 m, PUR, Halogen-free, black, Ø 4.9 mm; 5 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

Connector: M12, straight; 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!



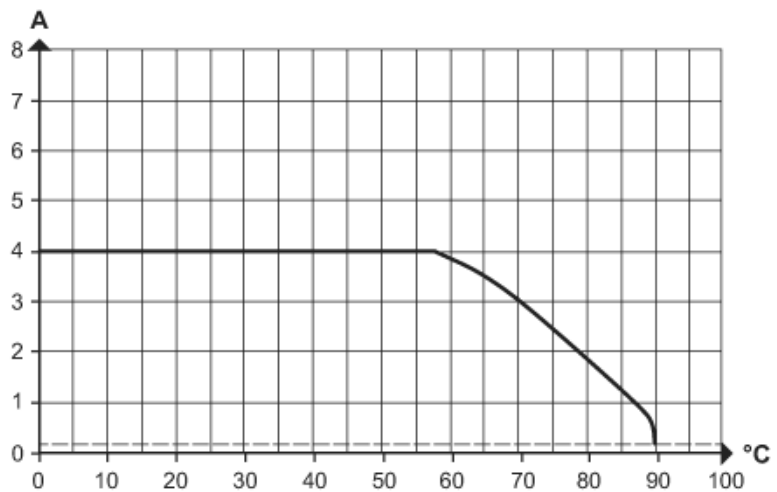
### Electrical connection - plug B

Cable: 1 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, 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]