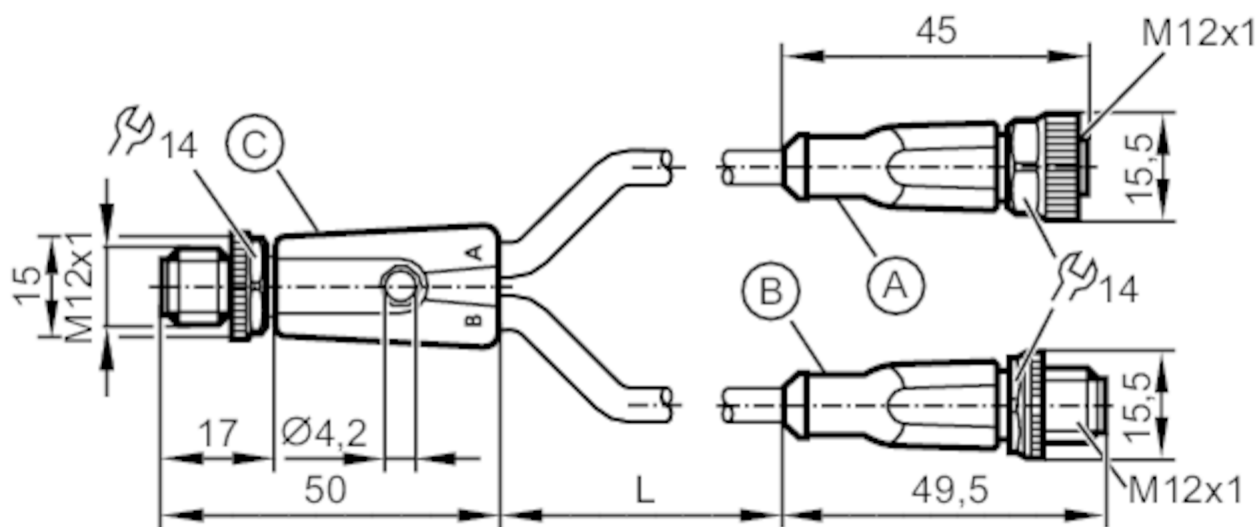


## Y connection cable

YDSGHDA0MSS0005HDASTGH030MSS

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] | 354.4                           |  |
| 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  |



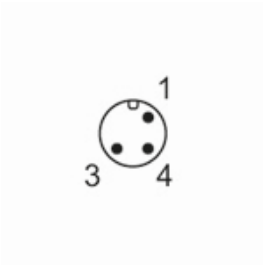
Y connection cable

YDSGHDA0MSS0005HDASTGH030MSS

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

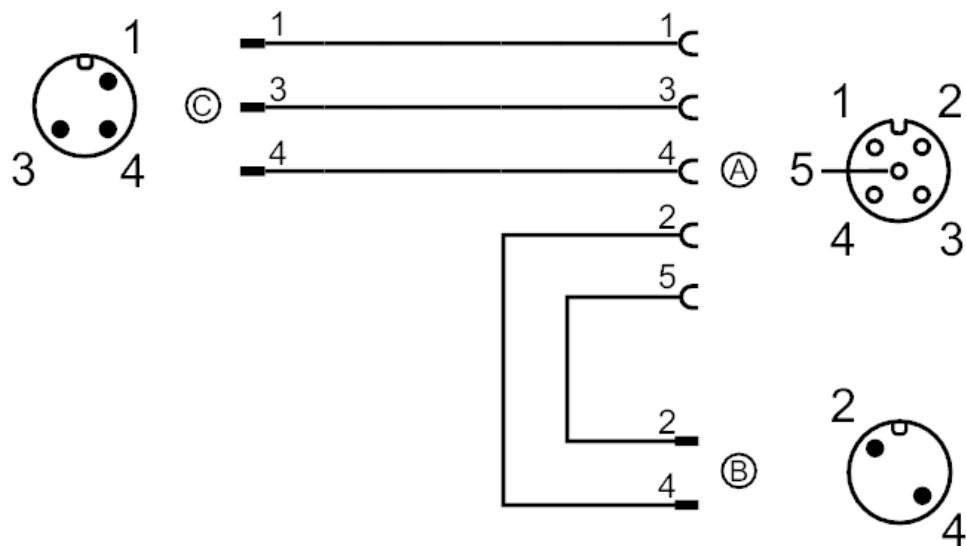
Electrical connection - plug C

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



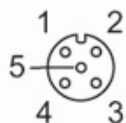
## Y connection cable

YDSGHDA0MSS0005HDASTGH030MSS

### Electrical connection - socket A

Cable: 5 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!



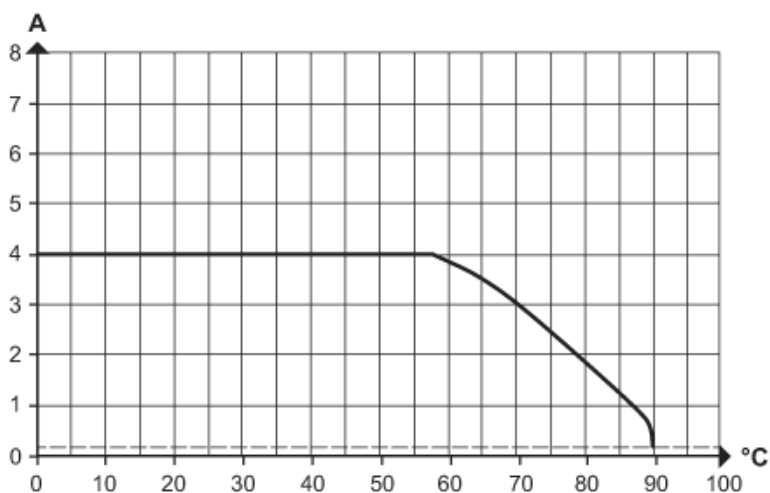
### Electrical connection - plug B

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

X Ambient temperature [°C]

Y Current [A]