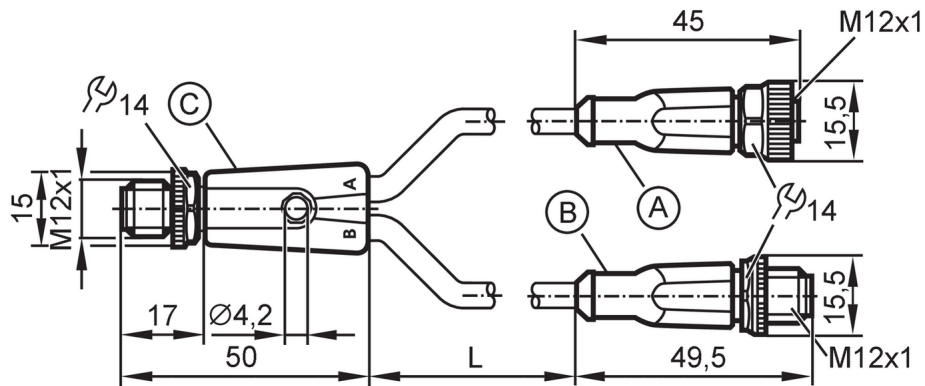


## Y connection cable

YDSGHDA0MSS00,5HDASTGH030MSS

Please see the technical note under "Downloads"



## Application

|                    |                                                                                |
|--------------------|--------------------------------------------------------------------------------|
| Special feature    | Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability |
| Application        | Industrial applications; Oils and coolants                                     |
| 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]                                      | 81.2                                                                               |
| 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                                                                          |

## Remarks

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



## Y connection cable

YDSGHDA0MSS00,5HDASTGH030MSS

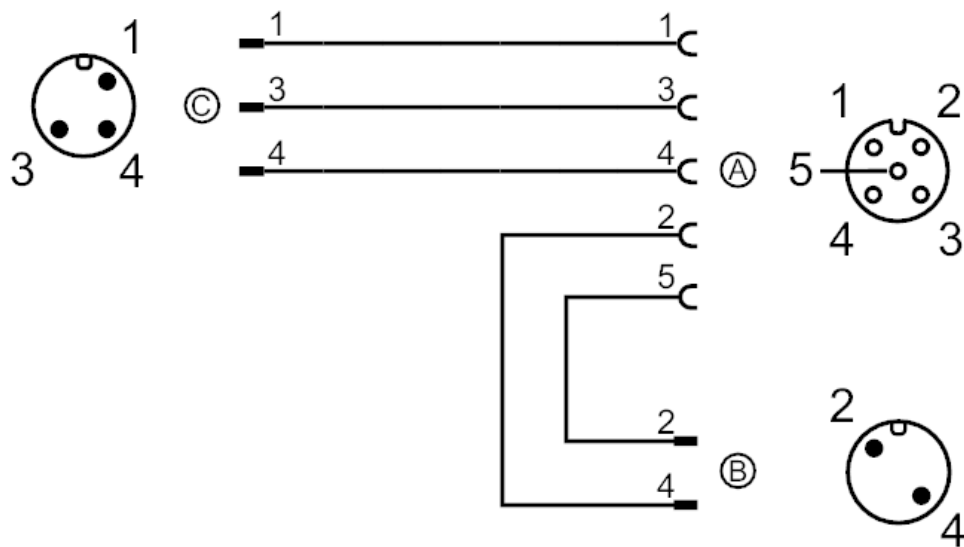
### Electrical connection - plug C

Connector: M12, straight; coding: A; Contacts: 3, gold-plated; Moulded body: TPU (urethane), orange; Locking: knurled nut, brass, nickel-plated; Tightening torque: 0.6...1.5 Nm; Take into account the maximum value of the counterpart!



### Electrical connection

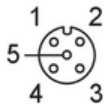
#### Connection



### Electrical connection - Socket A

Cable: 0.5 m, PUR, Halogen-free, black, Ø 4.6 mm; 5 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm)

Connector: M12, straight; coding: A; Contacts: 5, gold-plated; Moulded body: TPU (urethane), orange; Locking: knurled nut, brass, nickel-plated; sealing: FKM; Tightening torque: 0.6...1.5 Nm; Take into account the maximum value of the counterpart!



### Electrical connection - plug B

Cable: 0.5 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; Contacts: 2, gold-plated; Moulded body: TPU (urethane), orange; Locking: knurled nut, brass, nickel-plated; Tightening torque: 0.6...1.5 Nm; Take into account the maximum value of the counterpart!



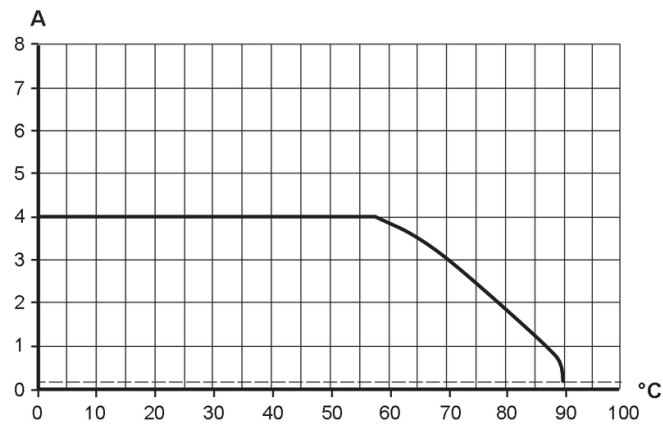
# EVC862



## Y connection cable

YDSGHDA0MSS00,5HDASTGH030MSS

### Diagrams and graphs



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

- X Ambient temperature [°C]
- Y Current [A]