

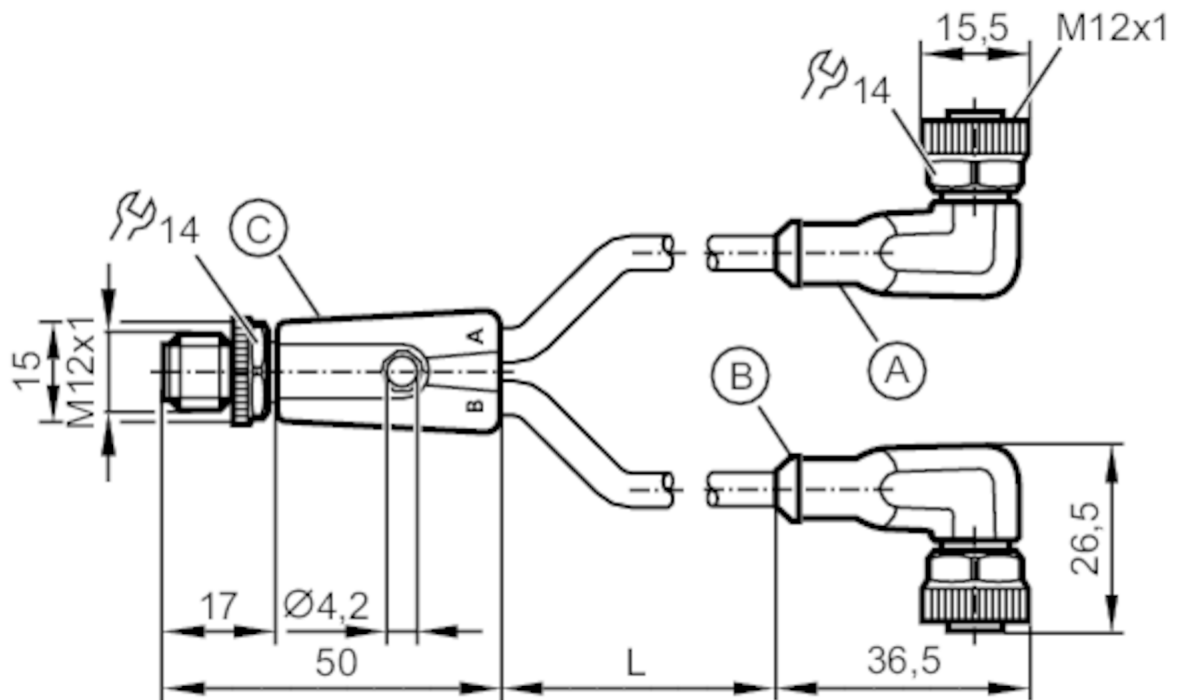
# EVC621



## Y connection cable

YDOAH040MSS0005H04STGH040MSS

Please see the technical note under "Downloads"



A - input cable grey  
C:  
B - octavis cable black  
C:



## Application

|                    |                                                                                |
|--------------------|--------------------------------------------------------------------------------|
| Special feature    | Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability |
| Free from silicone | yes                                                                            |

## Electrical data

|                         |     |            |
|-------------------------|-----|------------|
| Operating voltage       | [V] | < 60 AC/DC |
| Protection class        |     | II         |
| Max. current load total | [A] | 4          |

## Operating conditions

|                                                                 |      |                             |
|-----------------------------------------------------------------|------|-----------------------------|
| Ambient temperature                                             | [°C] | -25...90                    |
| Note on ambient temperature                                     |      | cULus: ...75                |
| Ambient temperature (moving)                                    | [°C] | -25...90                    |
| Note on ambient temperature (moving)                            |      | cULus: ...75                |
| Storage temperature                                             | [°C] | -25...55                    |
| Storage humidity                                                | [%]  | 10...100                    |
| Other climatic conditions for storage according to stated class |      | 1K22/ DIN 60721-3-1         |
| Protection                                                      |      | IP 65; IP 67; IP 68; IP 69K |



## Y connection cable

YDOAH040MSS0005H04STGH040MSS

| Mechanical data              |                                 |                                                                                                |
|------------------------------|---------------------------------|------------------------------------------------------------------------------------------------|
| Weight                       | [g]                             | 373.2                                                                                          |
| Moulded-body material        |                                 | TPU                                                                                            |
| Material nut                 |                                 | brass, nickel-plated                                                                           |
| Sealing material             |                                 | FKM                                                                                            |
| Number of ports splitter box |                                 | 2                                                                                              |
| 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/s <sup>2</sup> |
|                              | bending cycles                  | > 5 Mio.                                                                                       |
|                              | torsional strain                | ± 180 °/m                                                                                      |

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

| Electrical connection                                                                     |
|-------------------------------------------------------------------------------------------|
| Cable: 5 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm <sup>2</sup> (42 x Ø 0.1 mm ) |

## Electrical connection - plug

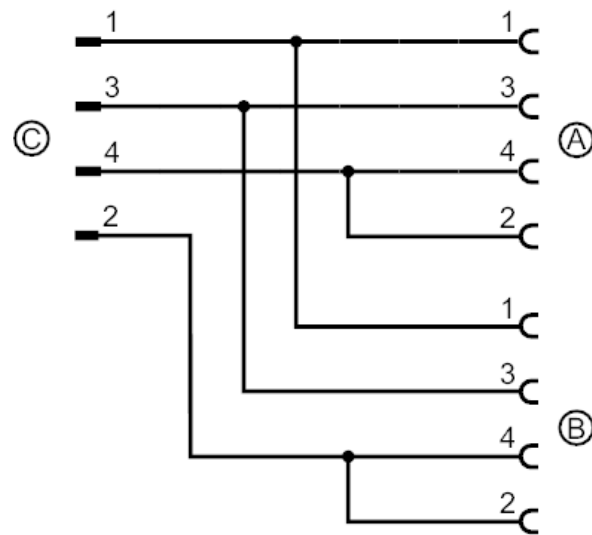
Connector: 1 x M12, straight; coding: A; Moulded body: TPU, orange; Locking: brass, nickel-plated; Contacts: gold-plated;  
Tightening torque: 0.6...1.5 Nm



## Y connection cable

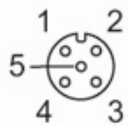
YDOAH040MSS0005H04STGH040MSS

### Connection



### Electrical connection - socket

Connector: 2 x M12, angled; coding: A; Moulded body: TPU, orange; Locking: brass, nickel-plated; Sealing: FKM; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm





## Y connection cable

YDOAH040MSS0005H04STGH040MSS

### Diagrams and graphs



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

X Ambient temperature [°C]

Y Current [A]