

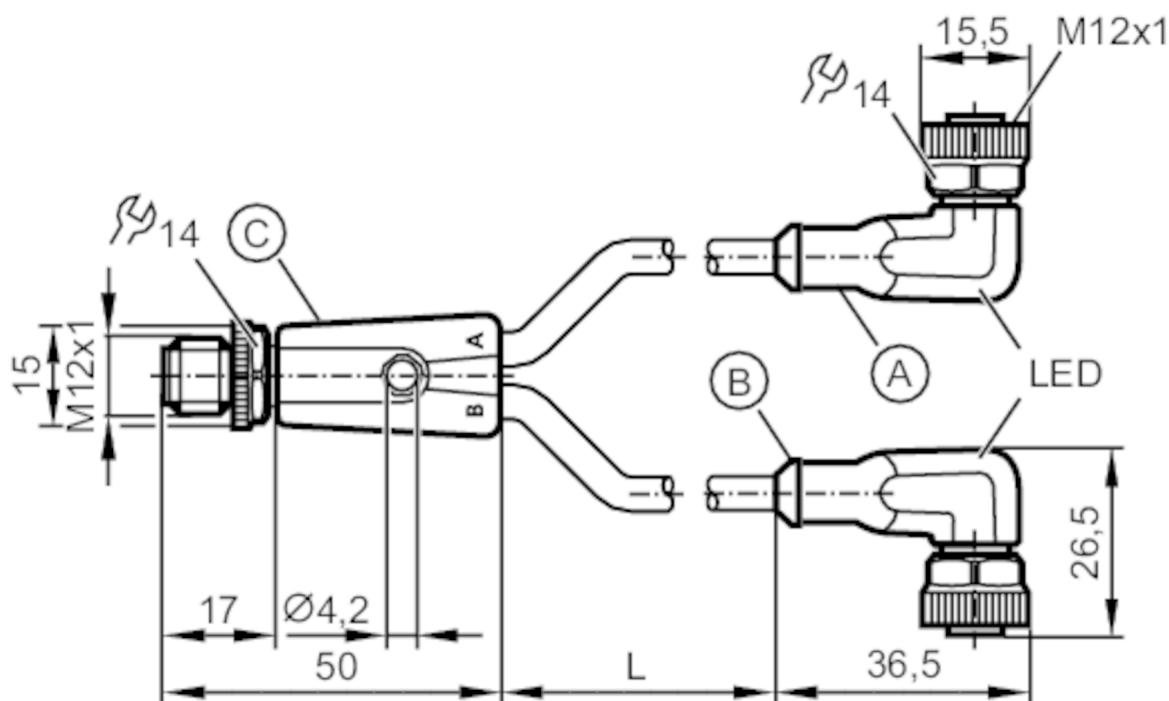
# EVC515



## Y connection cable

YDOAH032MSS0004H03STGH040MSS

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] | 10...36 DC |
| Protection class        |     | II         |
| Max. current load total | [A] | 4          |

## Outputs

|                   |     |
|-------------------|-----|
| Electrical design | PNP |
|-------------------|-----|

## 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                |
| Protection                           |      | IP 65; IP 67; IP 68; IP 69K |

## Mechanical data

|                       |     |                      |
|-----------------------|-----|----------------------|
| Weight                | [g] | 284.5                |
| Moulded-body material |     | TPU                  |
| Material nut          |     | brass, nickel-plated |
| Sealing material      |     | FKM                  |

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|                              |                                 |                                                                                                |
|------------------------------|---------------------------------|------------------------------------------------------------------------------------------------|
| 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                                                                                      |

### Displays / operating elements

|         |                  |                 |
|---------|------------------|-----------------|
| Display | switching status | 1 x LED, yellow |
|         | operation        | 1 x LED, green  |

### Remarks

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

### Electrical connection

Cable: 4 m, PUR, Halogen-free, black, Ø 4.3 mm; 3 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

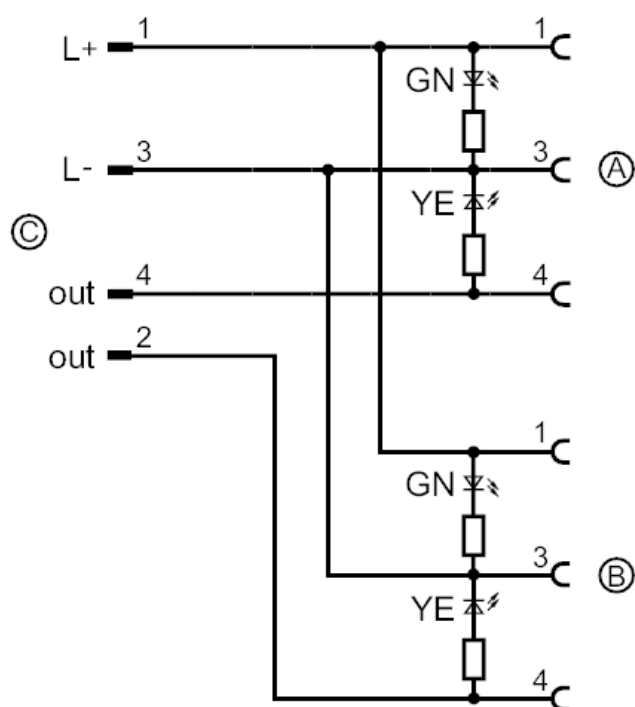


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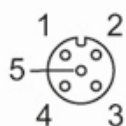
### Electrical connection

#### Connection



### Electrical connection - socket

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

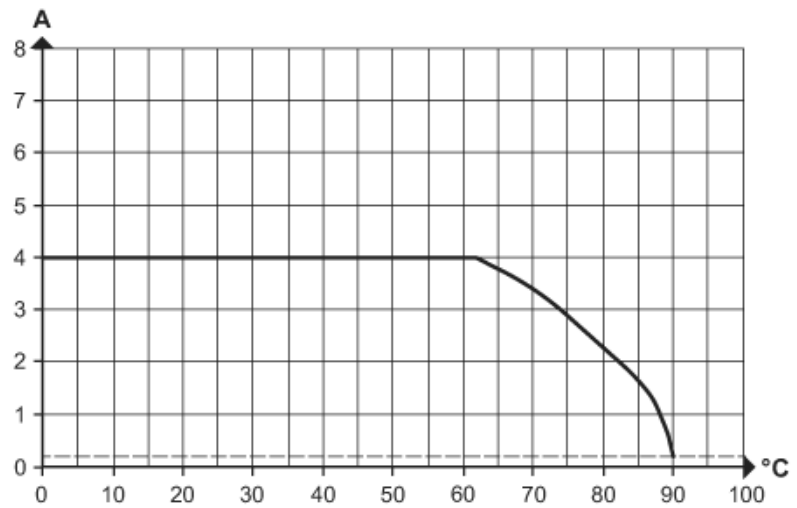




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### Diagrams and graphs



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

X Ambient temperature [°C]

Y Current [A]