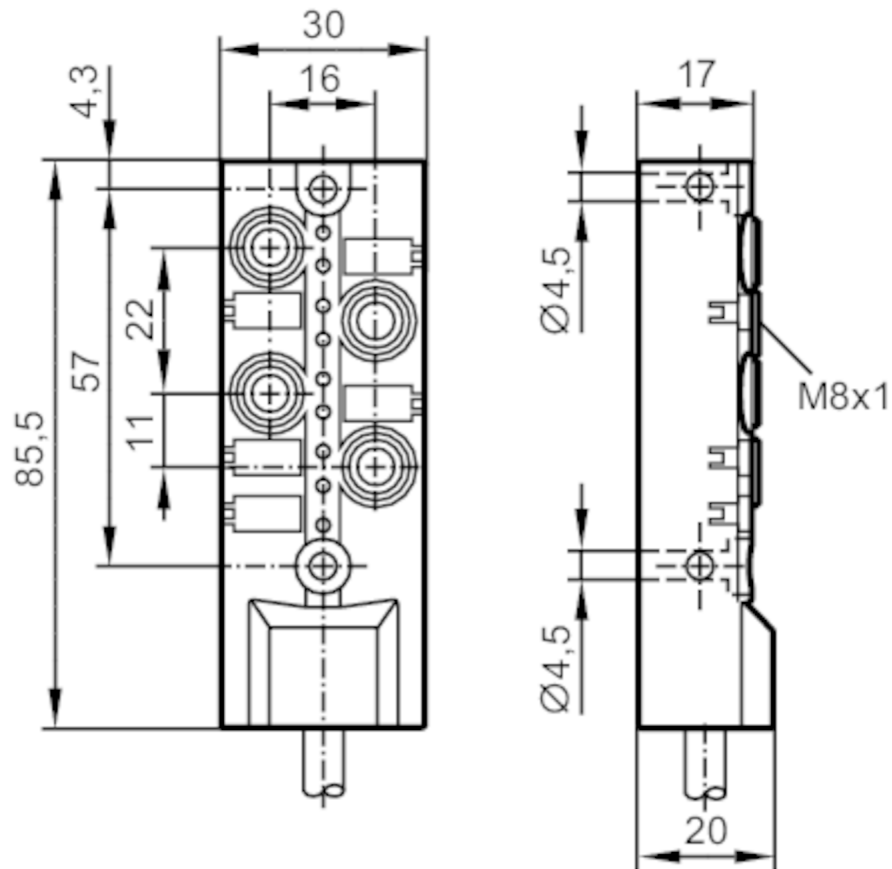


## Splitter box

ZDO4F049MSS0010H10



## Application

|                 |                                              |
|-----------------|----------------------------------------------|
| Special feature | Gold-plated contacts; Drag chain suitability |
|-----------------|----------------------------------------------|

## Electrical data

|                                   |     |                                         |
|-----------------------------------|-----|-----------------------------------------|
| Operating voltage                 | [V] | 10...30 DC; ("supply class 2" to cULus) |
| Protection class                  |     | III                                     |
| Max. current load per module/slot | [A] | 2                                       |
| Max. current load total           | [A] | 6                                       |

## Outputs

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

## Operating conditions

|                              |      |                     |
|------------------------------|------|---------------------|
| Ambient temperature          | [°C] | -25...80            |
| Ambient temperature (moving) | [°C] | -5...60             |
| Protection                   |      | IP 65; IP 67; IP 68 |

## Mechanical data

|            |      |                |
|------------|------|----------------|
| Weight     | [g]  | 840            |
| Dimensions | [mm] | 20 x 30 x 85.5 |



## Splitter box

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|                              |                                  |                                                                                                |
|------------------------------|----------------------------------|------------------------------------------------------------------------------------------------|
| Materials                    | PBT-GF20; brass nickel-plated    |                                                                                                |
| Moulded-body material        | PBT-GF 20 / brass, nickel-plated |                                                                                                |
| Number of ports splitter box | 4                                |                                                                                                |
| Connector type               | M8                               |                                                                                                |
| 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 | 8 x LED, yellow |
|         | operation        | 1 x LED, green  |

### Accessories

|                        |                            |  |
|------------------------|----------------------------|--|
| Accessories (optional) | DIN rail adapter:, E73006  |  |
|                        | Protective cap: M8, E73005 |  |

### Remarks

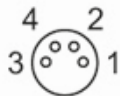
|               |        |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|

### Electrical connection

Cable: 10 m, PUR, black, Ø 7.4 mm; 8 x 0.34 mm<sup>2</sup> (43 x Ø 0.1 mm ) + 2 x 0.75 mm<sup>2</sup> (21 x Ø 0.2 mm )

### Electrical connection - slot

Connector: 4 x M8; coding: A; Moulded body: PBT-GF 20 / brass, nickel-plated; Contacts: gold-plated

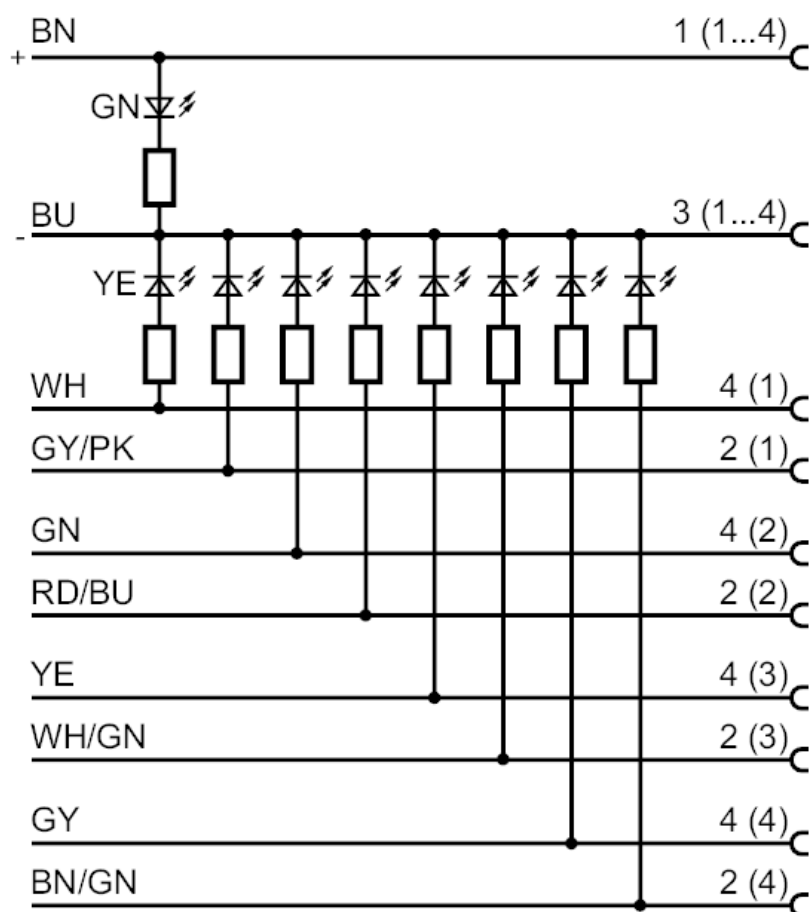




## Splitter box

ZDO4F049MSS0010H10

### Connection



|      |                |
|------|----------------|
| BN = | Core colours : |
| BU = | brown          |
| GN = | blue           |
| GY = | green          |
| PK = | grey           |
| RD = | pink           |
| WH = | red            |
| YE = | white          |
|      | yellow         |