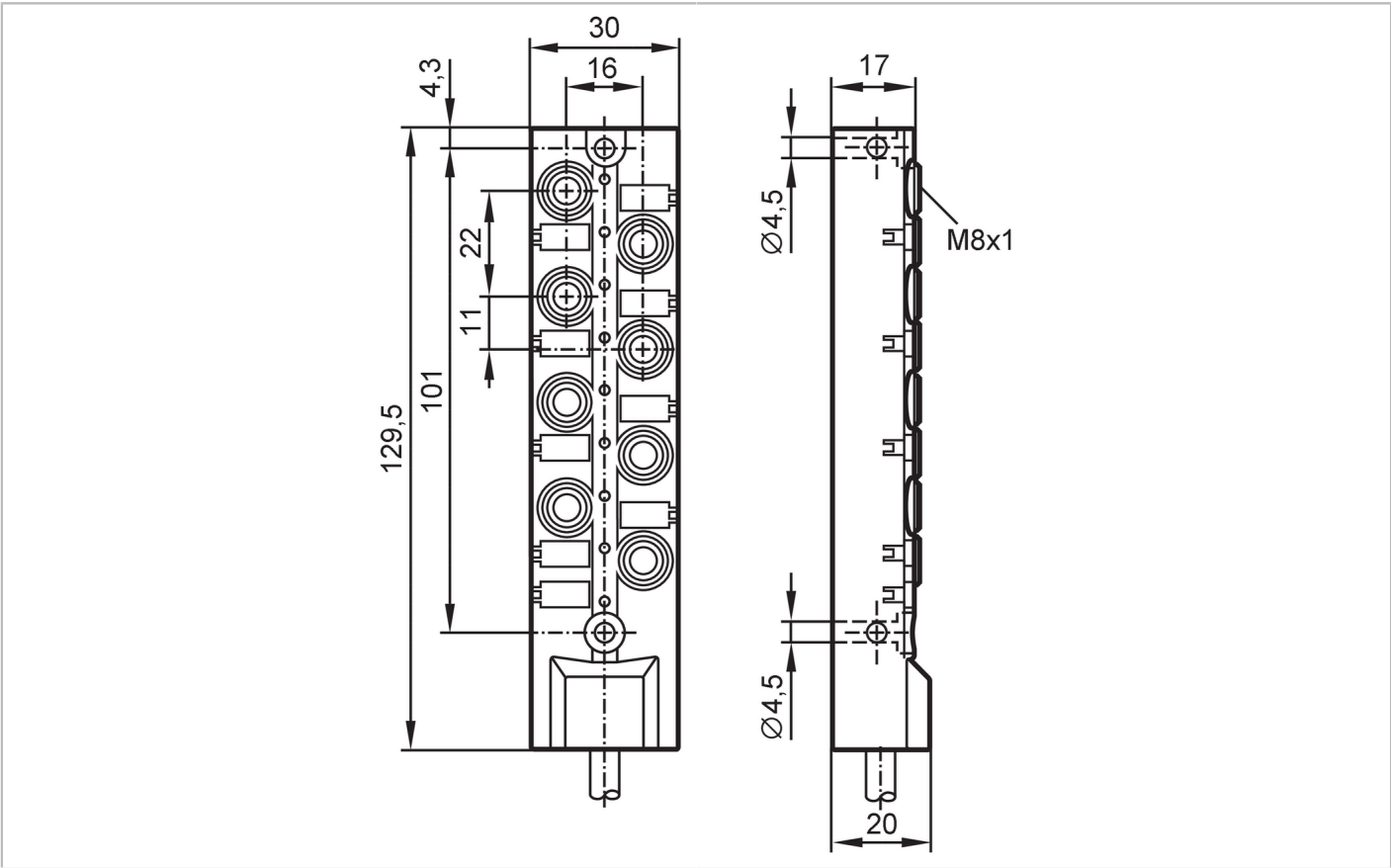




Wiring block

ZDO8F039MSJ0005H10



| Application                       |      |                                                            |
|-----------------------------------|------|------------------------------------------------------------|
| Special feature                   |      | Halogen-free; gold-plated contacts; Drag chain suitability |
| Application                       |      | Industrial applications; Oils and coolants                 |
| Electrical data                   |      |                                                            |
| Operating voltage                 | [V]  | 10...30 DC; (cULus - Class 2 source required)              |
| Protection class                  |      | III                                                        |
| Max. current load per module/slot | [A]  | 2                                                          |
| Max. current load total           | [A]  | 6                                                          |
| Outputs                           |      |                                                            |
| Electrical design                 |      | NPN                                                        |
| Operating conditions              |      |                                                            |
| Ambient temperature               | [°C] | -25...80                                                   |
| Ambient temperature (moving)      | [°C] | -5...60                                                    |
| Protection                        |      | IP 65; IP 67; IP 68                                        |
| Mechanical data                   |      |                                                            |
| Weight                            | [g]  | 516                                                        |
| Housing                           |      | rectangular                                                |
| Type of mounting                  |      | Backplane mounting                                         |



## Wiring block

ZDO8F039MSJ0005H10

|                              |                                          |                                                                                                |
|------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------|
| Dimensions                   | [mm]                                     | 129.5 x 30 x 20                                                                                |
| Material                     |                                          | housing: PBT-GF20                                                                              |
| Material nut                 |                                          | brass, nickel-plated                                                                           |
| Number of ports splitter box |                                          | 8                                                                                              |
| Connector type               |                                          | M8                                                                                             |
| 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/s <sup>2</sup> |
|                              | Bending cycles                           | > 5 Mio.                                                                                       |
|                              | Torsional strain                         | ± 180 °/m                                                                                      |

## Displays / operating elements

|         |                  |                 |
|---------|------------------|-----------------|
| Display | Switching status | 8 x LED, yellow |
|         | Power            | 1 x LED, green  |

## Accessories

|                        |                            |
|------------------------|----------------------------|
| Accessories (optional) | DIN rail adapter:, E73007  |
|                        | Protective cap: M8, E73005 |

## Remarks

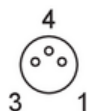
|               |        |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|

## Electrical connection

Cable: 5 m, PUR, Halogen-free, black, Ø 9.1 mm; 8 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm ) + 2 x 0.75 mm<sup>2</sup> (96 x Ø 0.1 mm )

## Electrical connection - slot

Connector: 8 x M8; coding: A; Contacts: 3, gold-plated; Locking: brass, nickel-plated

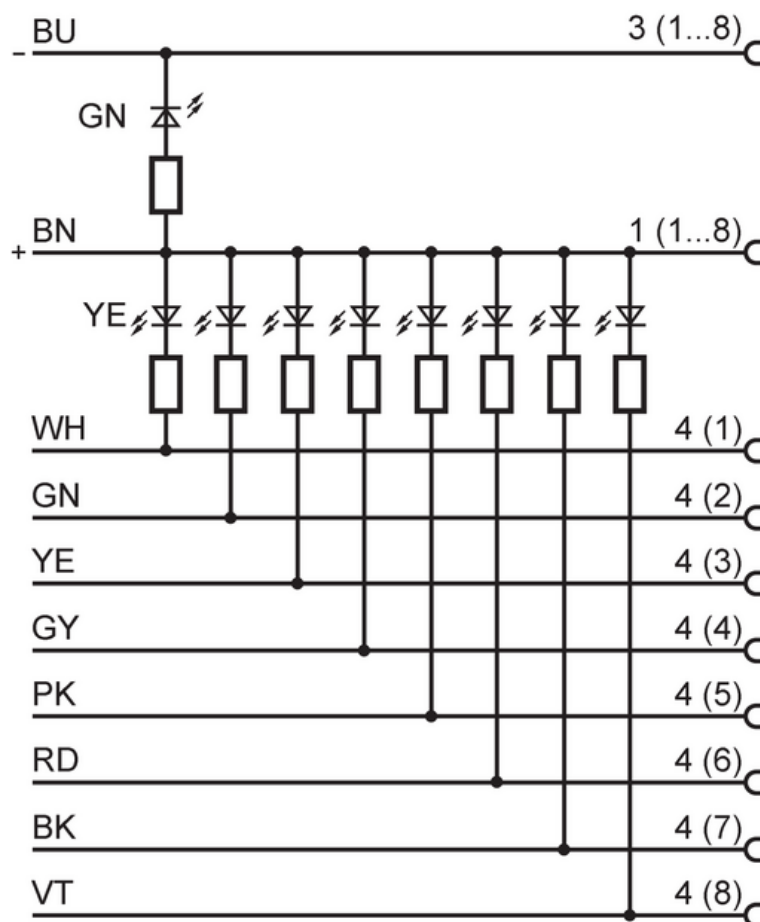




## Wiring block

ZDO8F039MSJ0005H10

### Connection



|      |               |
|------|---------------|
|      | Core colors : |
| BK = | black         |
| BN = | brown         |
| BU = | blue          |
| GN = | green         |
| GY = | grey          |
| PK = | pink          |
| RD = | red           |
| VT = | lilac         |
| WH = | white         |
| YE = | yellow        |