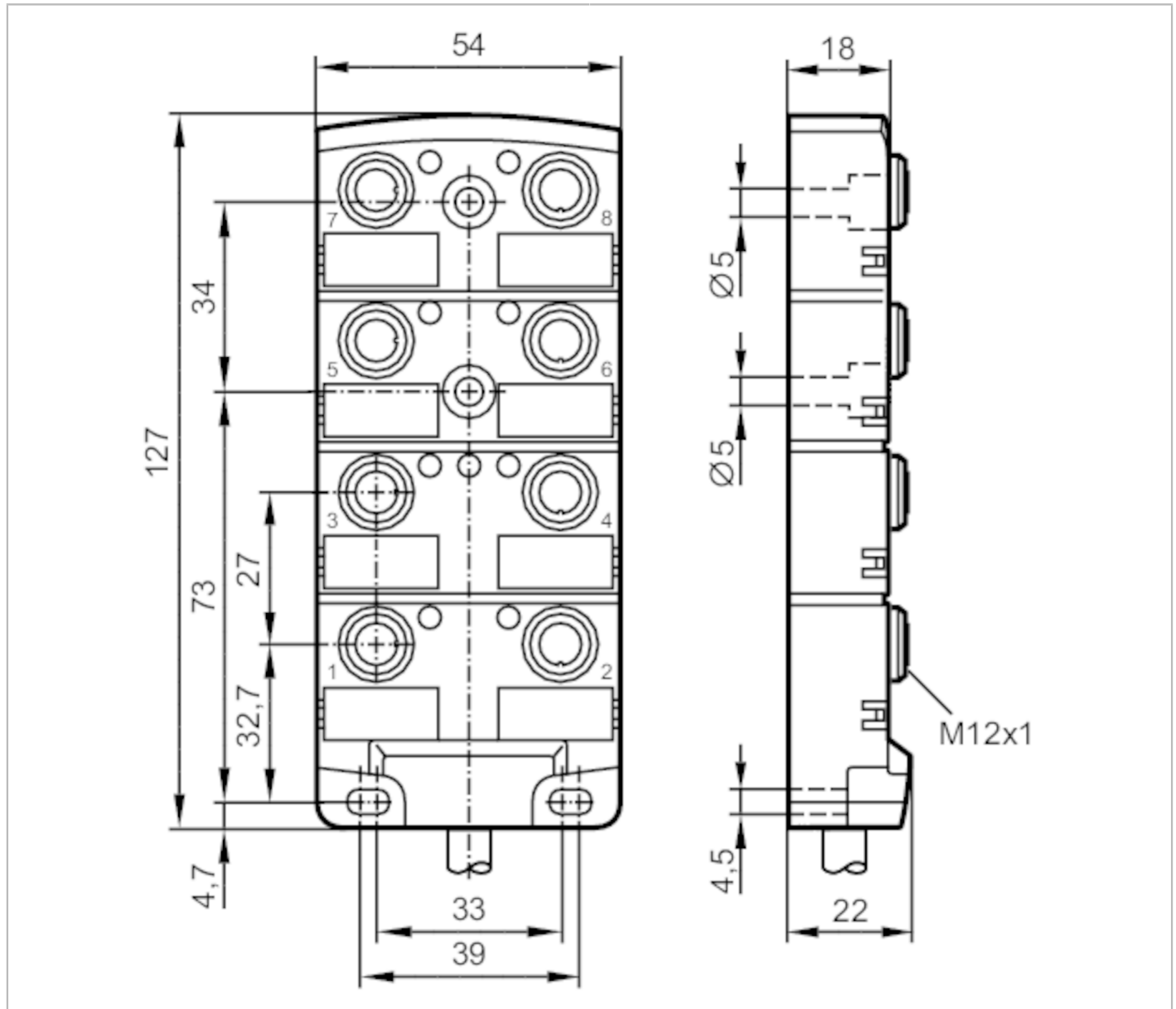


## Splitter box

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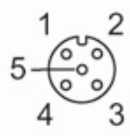


| Application                           |                                                                                |
|---------------------------------------|--------------------------------------------------------------------------------|
| Special feature                       | Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability |
| Free from silicone                    | yes                                                                            |
| Electrical data                       |                                                                                |
| Operating voltage [V]                 | 10...30 DC; ("supply class 2" to cULus)                                        |
| Protection class                      | II                                                                             |
| Max. current load per module/slot [A] | 4                                                                              |
| Max. current load total [A]           | 12                                                                             |
| Outputs                               |                                                                                |
| Electrical design                     | PNP                                                                            |



## Splitter box

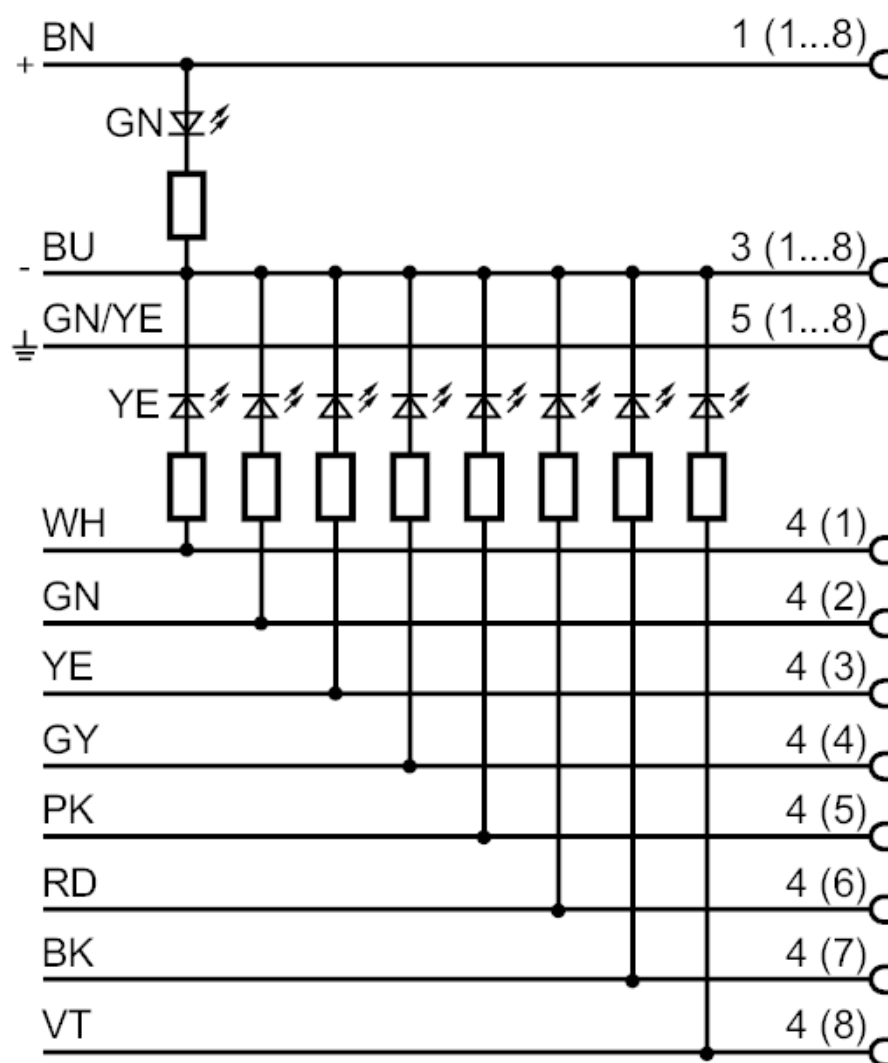
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| Operating conditions                                                                                           |                                       |                                                                            |
|----------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------------------------------------------------------|
| Ambient temperature                                                                                            | [°C]                                  | -25...80                                                                   |
| Ambient temperature (moving)                                                                                   | [°C]                                  | -5...60                                                                    |
| Protection                                                                                                     |                                       | IP 67; IP 68                                                               |
| Mechanical data                                                                                                |                                       |                                                                            |
| Weight                                                                                                         | [g]                                   | 1174.5                                                                     |
| Dimensions                                                                                                     | [mm]                                  | 22 x 54 x 127                                                              |
| Materials                                                                                                      |                                       | PA                                                                         |
| Moulded-body material                                                                                          |                                       | PA                                                                         |
| Number of ports splitter box                                                                                   |                                       | 8                                                                          |
| Connector type                                                                                                 |                                       | M12                                                                        |
| Drag chain suitability                                                                                         |                                       | yes                                                                        |
| Drag chain suitability                                                                                         | bending radius for flexible use       | min. 10 x cable diameter                                                   |
|                                                                                                                | bending radius for fixed installation | min. 5 x cable diameter                                                    |
|                                                                                                                | travel speed                          | max. 3 m/s at 5 m horizontal travel length and max. acceleration of 5 m/s² |
|                                                                                                                | torsional strain                      | ± 30 °/m                                                                   |
|                                                                                                                | bending cycles                        | > 2 Mio.                                                                   |
|                                                                                                                |                                       |                                                                            |
| Displays / operating elements                                                                                  |                                       |                                                                            |
| Display                                                                                                        | switching status                      | 8 x LED, yellow                                                            |
|                                                                                                                | operation                             | 1 x LED, green                                                             |
| Accessories                                                                                                    |                                       |                                                                            |
| Items supplied                                                                                                 | Protective caps: 2                    |                                                                            |
|                                                                                                                | labels: 8                             |                                                                            |
| Remarks                                                                                                        |                                       |                                                                            |
| Pack quantity                                                                                                  | 1 pcs.                                |                                                                            |
| Electrical connection                                                                                          |                                       |                                                                            |
| Cable: 10 m, PUR, Halogen-free, black, Ø 8.2 mm; 8 x 0.34 mm² (43 x Ø 0.1 mm ) + 3 x 0.75 mm² (95 x Ø 0.1 mm ) |                                       |                                                                            |
| Electrical connection - slot                                                                                   |                                       |                                                                            |
| Connector: 8 x M12; Moulded body: PA; Contacts: gold-plated; Tightening torque: 0.8...1.5 Nm                   |                                       |                                                                            |
| <div></div>                 |                                       |                                                                            |

## Splitter box

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## Connection



## Core colours :

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

# EBC035

## Splitter box

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