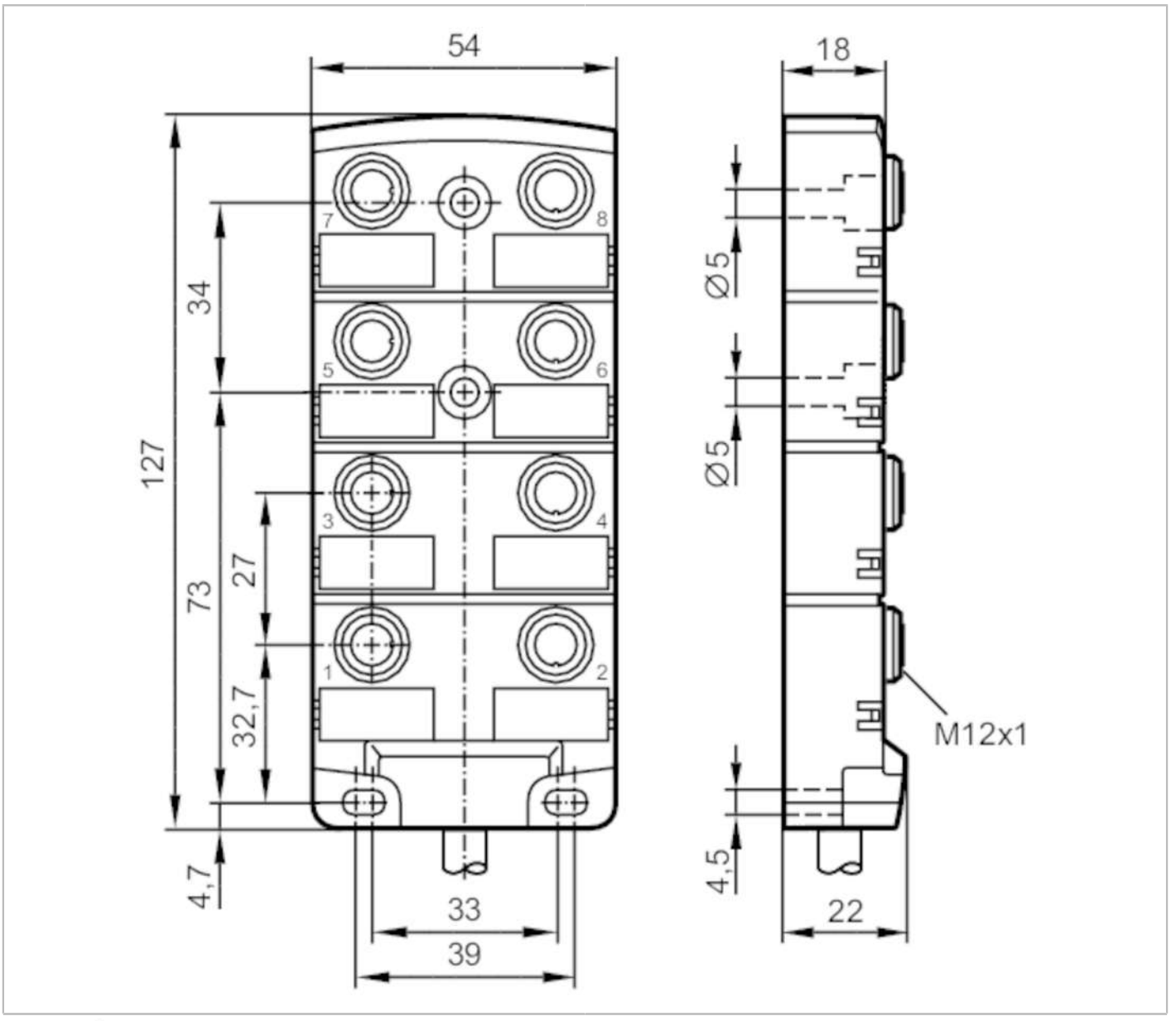
# EBC034

## Splitter box

ZDO8H050MSS0010H19




| | | |
|---|---|---|
| **Application** | | |
| Special feature | | Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability |
| Free from silicone | | yes |
| **Electrical data** | | |
| Operating voltage | [V] | < 30 DC;  ("supply class 2" to cULus) |
| Protection class | | II |
| Max. current load per module/slot | [A] | 4 |
| Max. current load total | [A] | 12 |
| **Operating conditions** | | |
| Ambient temperature | [°C] | -25...80 |
| Ambient temperature (moving) | [°C] | -5...60 |

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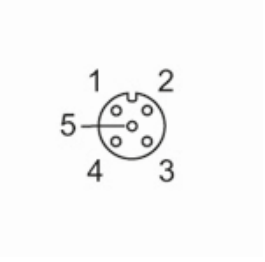
| | | | |
|---|---|---|---|
| Protection | | IP 67; IP 68 | |
| **Mechanical data** | | | |
| Weight | [g] | 1575.5 | |
| Dimensions | [mm] | 22 x 54 x 127 | |
| Materials | | PA | |
| Moulded-body material | | PA | |
| Number of ports splitter box | | 8 | |
| Connector type | | M12 | |
| Drag chain suitability | | yes | |
| Drag chain suitability | | bending radius for flexible use | min. 10 x cable diameter |
| | | travel speed | max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s² |
| | | bending cycles | > 2 Mio. |
| | | torsional strain | ± 30 °/m |
| **Accessories** | | | |
| Items supplied | | Protective caps: 2 | |
| | | labels: 8 | |
| **Remarks** | | | |
| Pack quantity | | 1 pcs. | |

**Electrical connection**

Cable: 10 m, PUR, Halogen-free, black, Ø 9.7 mm; 16 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; coding: A; Moulded body: PA; Contacts: gold-plated; Tightening torque: 0.8...1.5 Nm



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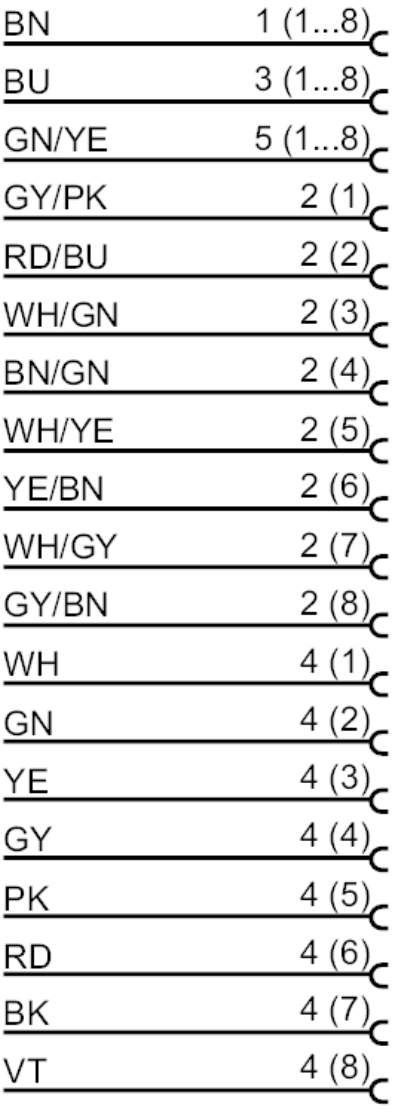
### Connection




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