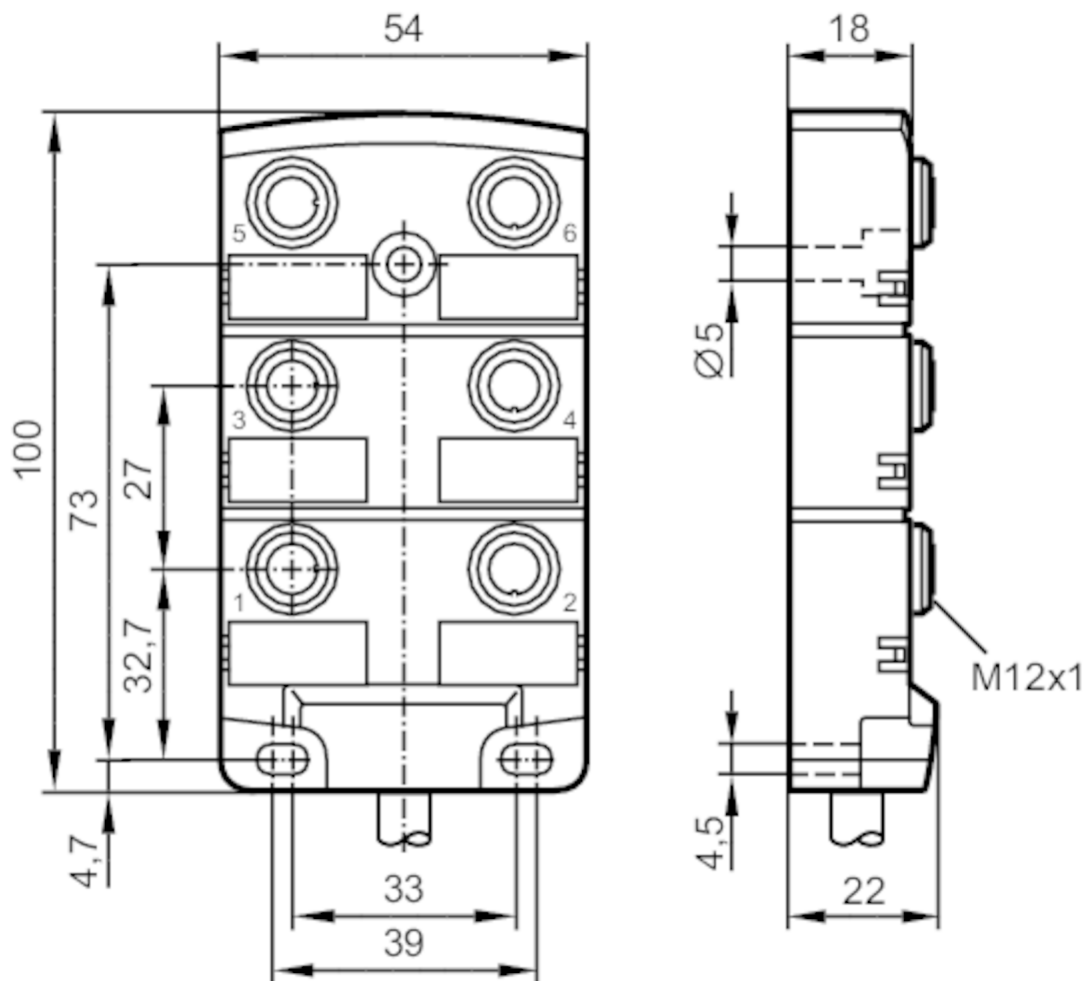




## Wiring block

ZDO6H050MSS0005H09



## Application

|                    |                                                                                |
|--------------------|--------------------------------------------------------------------------------|
| System             | Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability |
| Free from silicone | yes                                                                            |

## Electrical data

|                                   |     |                                            |
|-----------------------------------|-----|--------------------------------------------|
| Operating voltage                 | [V] | < 30 DC; (cULus - Class 2 source required) |
| 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      |
| Protection                   |      | IP 67; IP 68 |

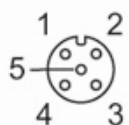
## Tests / approvals

|             |                |        |
|-------------|----------------|--------|
| UL approval | Enclosure type | Type 1 |
|-------------|----------------|--------|



## Wiring block

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| Mechanical data                                                                                             |                                          |                          |
|-------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------------|
| Weight                                                                                                      | [g]                                      | 604.5                    |
| Dimensions                                                                                                  | [mm]                                     | 22 x 54 x 100            |
| Material                                                                                                    |                                          | PA                       |
| Molded-body material                                                                                        |                                          | PA                       |
| Number of ports splitter box                                                                                |                                          | 6                        |
| Connector type                                                                                              |                                          | M12                      |
| Drag chain suitability                                                                                      |                                          | yes                      |
| Drag chain suitability                                                                                      | Bending radius for flexible applications | min. 10 x cable diameter |
|                                                                                                             | Bending cycles                           | > 2 Mio.                 |
| Accessories                                                                                                 |                                          |                          |
| Items supplied                                                                                              | Protective caps: 2                       |                          |
|                                                                                                             | labels: 6                                |                          |
| Remarks                                                                                                     |                                          |                          |
| Pack quantity                                                                                               | 1 pcs.                                   |                          |
| Electrical connection                                                                                       |                                          |                          |
| Cable: 5 m, PUR, Halogen-free, black, Ø 7.8 mm; 6 x 0.34 mm² (43 x Ø 0.1 mm ) + 3 x 1 mm² (55 x Ø 0.15 mm ) |                                          |                          |
| Electrical connection - slot                                                                                |                                          |                          |
| Connector: 6 x M12; coding: A; Moulded body: PA; Contacts: gold-plated; Tightening torque: 0.8...1.5 Nm     |                                          |                          |
| <div></div>              |                                          |                          |



## Wiring block

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### Connection

|       |           |
|-------|-----------|
| BN    | 1 (1...6) |
| BU    | 3 (1...6) |
| GN/YE | 5 (1...6) |
| WH    | 4 (1)     |
| GN    | 4 (2)     |
| YE    | 4 (3)     |
| GY    | 4 (4)     |
| PK    | 4 (5)     |
| RD    | 4 (6)     |

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