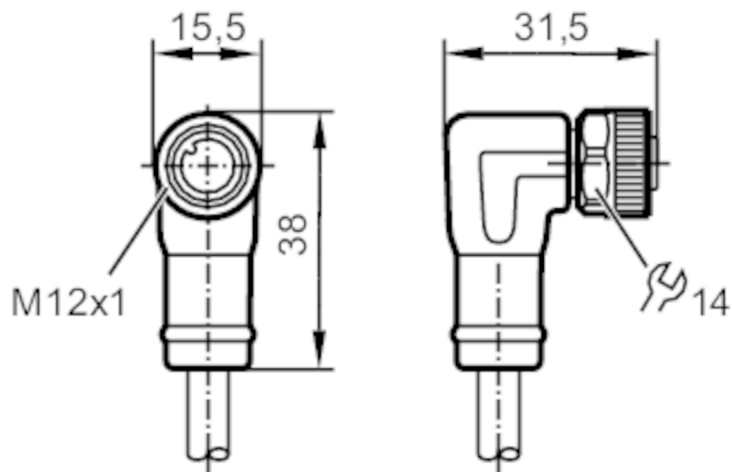


# EVC960



## Female cordset

ADOAH050MSE0005C05



| Application             |                                                                              |                                                                                    |
|-------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| System                  | Halogen-free; gold-plated contacts; screened cable; Drag chain suitability   |                                                                                    |
| Application             | CAN bus; for mobile applications                                             |                                                                                    |
| Electrical data         |                                                                              |                                                                                    |
| Operating voltage       | [V]                                                                          | 32 DC; (wires 4+5: 5 V)                                                            |
| Max. current load total | [A]                                                                          | 4; (wires 4+5: 0,05 A)                                                             |
| Operating conditions    |                                                                              |                                                                                    |
| Ambient temperature     | [°C]                                                                         | -25...80                                                                           |
| Protection              | IP 67; IP 68; IP 69K                                                         |                                                                                    |
| Mechanical data         |                                                                              |                                                                                    |
| Weight                  | [g]                                                                          | 490.05                                                                             |
| Dimensions              | [mm]                                                                         | 38 x 15.5 x 31.5                                                                   |
| Molded-body material    | TPU (urethane)                                                               |                                                                                    |
| Material nut            | brass, nickel-plated                                                         |                                                                                    |
| Sealing material        | FKM                                                                          |                                                                                    |
| 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/s² |
|                         | Bending cycles                                                               | > 5 Mio.                                                                           |
|                         | Torsional strain                                                             | ± 180 °/m                                                                          |
| Remarks                 |                                                                              |                                                                                    |
| Remarks                 | The CAN bus terminating resistor (120 Ω) is integrated in the M12 connector. |                                                                                    |
| Pack quantity           | 1 pcs.                                                                       |                                                                                    |

# EVC960



## Female cordset

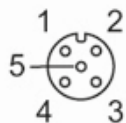
ADOAH050MSE0005C05

### Electrical connection

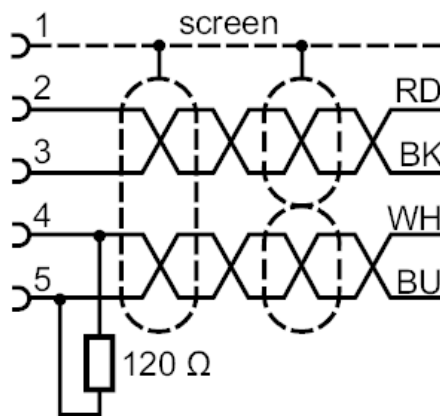
Cable: 5 m, PUR, Halogen-free, lilac, Ø 8.4 mm, screened; red / black: 2 x 0.75 mm<sup>2</sup> (42 x Ø 0.15 mm ) + white / blue: 2 x 0.5 mm<sup>2</sup> (19 x Ø 0.19 mm ) + screen: 1 x 0.75 mm<sup>2</sup> (42 x Ø 0.15 mm )

### Electrical connection - Socket

Connector: 1 x M12, angled; coding: A; Moulded body: TPU (urethane), black; Locking: brass, nickel-plated; sealing: FKM; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



### Connection



|          |               |        |
|----------|---------------|--------|
| BK =     | Core colors : | black  |
| BU =     |               | blue   |
| RD =     |               | red    |
| WH =     |               | white  |
| screen = |               | screen |