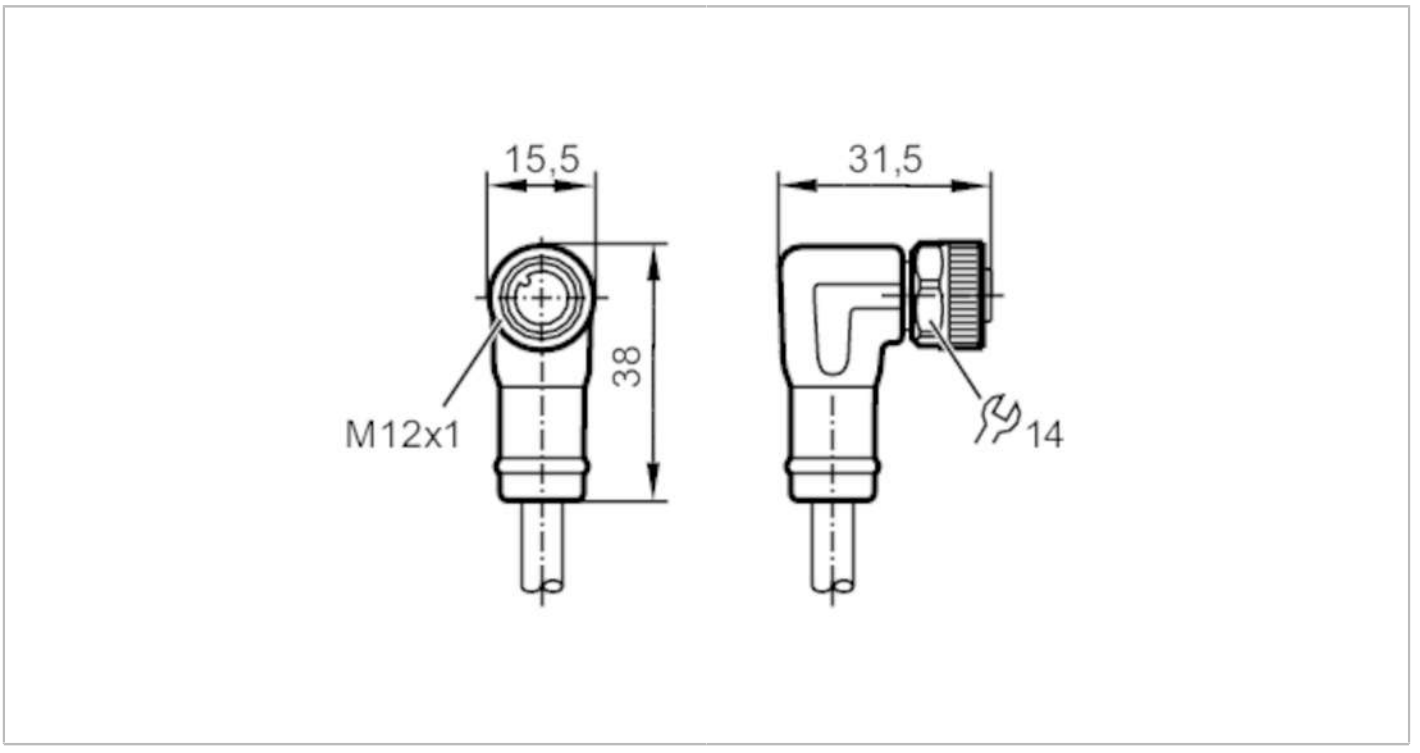
# EVC960

## Connecting cable with socket

ADOAH050MSE0005C05




| | | |
|---|---|---|
| **Application** | | |
| Special feature | | Halogen-free; Gold-plated contacts; Screened cable; Drag chain suitability |
| Application | | CAN bus |
| **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 |
| Moulded-body material | | TPU |
| Material nut | | brass, nickel-plated |
| Sealing material | | FKM |
| 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 | > 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

## Connecting cable with socket

**ADOAH050MSE0005C05**

### Electrical connection

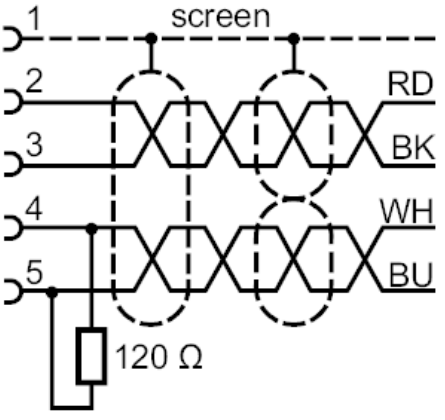
Cable: 5 m, PUR, Halogen-free, lilac, Ø 8.4 mm, shielded; red / black: 2 x 0.75 mm² (42 x Ø 0.15 mm ) + white / blue: 2 x 0.5 mm² (19 x Ø 0.19 mm ) + screen: 1 x 0.75 mm² (42 x Ø 0.15 mm )

### Electrical connection - socket

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




### Connection




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