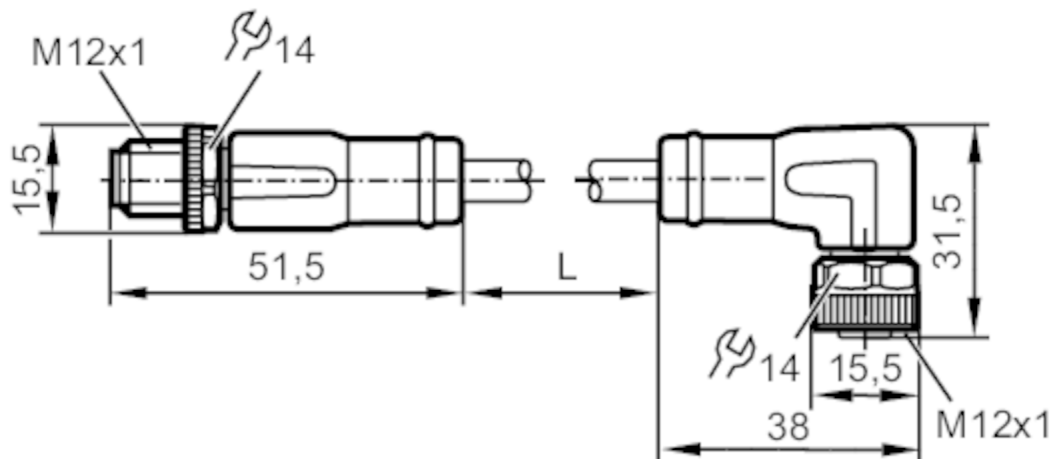


# EVC952



## Connection cable

VDOAH050MSD0005C05STGH050MSS



| Application             |                                                                            |                                                                                    |
|-------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| System                  | Halogen-free; gold-plated contacts; screened cable; Drag chain suitability |                                                                                    |
| Application             | CAN bus                                                                    |                                                                                    |
| Electrical data         |                                                                            |                                                                                    |
| Operating voltage       | [V]                                                                        | < 30 AC / < 36 DC                                                                  |
| Max. current load total | [A]                                                                        | 4                                                                                  |
| Operating conditions    |                                                                            |                                                                                    |
| Ambient temperature     | [°C]                                                                       | -25...80                                                                           |
| Protection              | IP 67; IP 68; IP 69K                                                       |                                                                                    |
| Mechanical data         |                                                                            |                                                                                    |
| Weight                  | [g]                                                                        | 517.95                                                                             |
| Dimensions              | [mm]                                                                       | 14.5 x 14.5 x 48.5                                                                 |
| 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                 |                                                                            |                                                                                    |
| Pack quantity           | 1 pcs.                                                                     |                                                                                    |

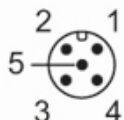


## Connection cable

VDOAH050MSD0005C05STGH050MSS

### Electrical connection - plug

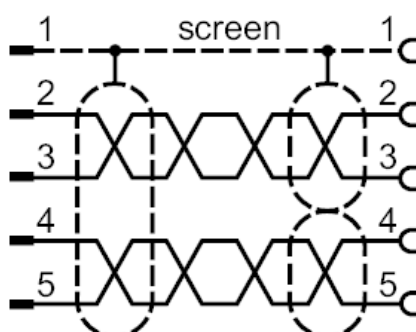
Connector: 1 x M12, straight; coding: A; Moulded body: TPU (urethane), black; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



### Electrical connection

Cable: 5 m, PUR, Halogen-free, lilac, Ø 8.4 mm, screened; RD / BK: 2 x 0.75 mm<sup>2</sup> (42 x Ø 0.15 mm ) + WH / BU: 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 )

### Connection



### 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

