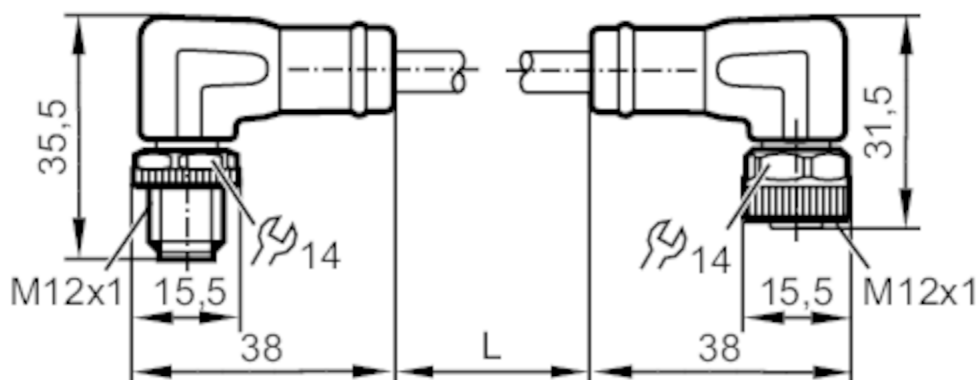




## Connection cable

VDOAH050MSD0010C05STA050MSS



## 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             |
| Storage temperature                                             | [°C] | -25...55             |
| Storage humidity                                                | [%]  | 10...100             |
| Other climatic conditions for storage according to stated class |      | 1K22/ DIN 60721-3-1  |
| Protection                                                      |      | IP 67; IP 68; IP 69K |

## Mechanical data

|                        |     |                                  |
|------------------------|-----|----------------------------------|
| Weight                 | [g] | 990.25                           |
| Material               |     | housing: PUR black; sealing: FKM |
| Molded-body material   |     | TPU (urethane)                   |
| Material nut           |     | brass, nickel-plated             |
| Sealing material       |     | FKM                              |
| Drag chain suitability |     | yes                              |



Connection cable

VDOAH050MSD0010C05STAH050MSS

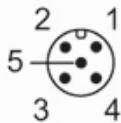
|                        |                                          |                                                                                                |
|------------------------|------------------------------------------|------------------------------------------------------------------------------------------------|
| 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/s <sup>2</sup> |
|                        | Bending cycles                           | > 5 Mio.                                                                                       |
|                        | Torsional strain                         | ± 180 °/m                                                                                      |

Remarks

|               |        |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|

Electrical connection - plug

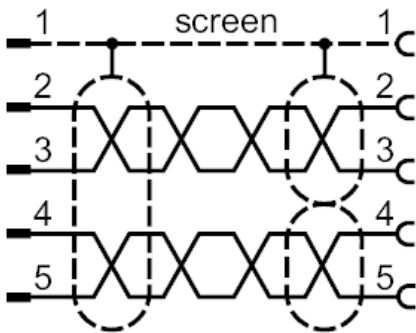
Connector: 1 x M12, angled; coding: A; Moulded body: TPU (urethane), black; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



Electrical connection

Cable: 10 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

