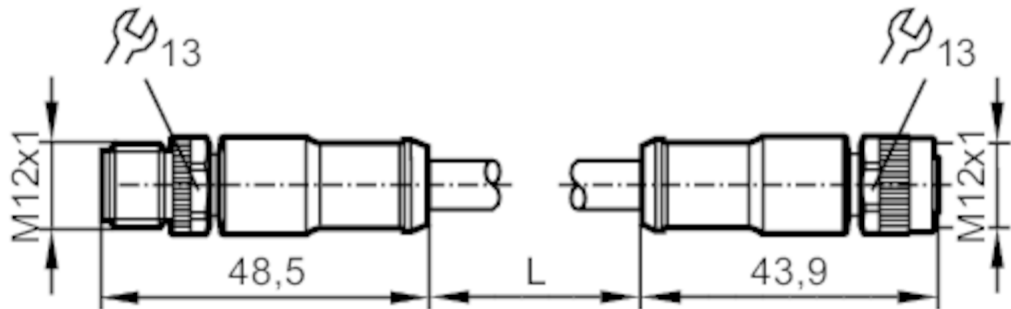


E11591



Connection cable

VDOGH050ZDA00,3C05STGH050ZDS



| 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]                                                                       | -40...80                                                                           |
| Protection              |                                                                            | IP 68                                                                              |
| Mechanical data         |                                                                            |                                                                                    |
| Weight                  | [g]                                                                        | 50.2                                                                               |
| Dimensions              | [mm]                                                                       | 14.5 x 14.5 x 48.5                                                                 |
| Molded-body material    |                                                                            | PUR                                                                                |
| Material nut            |                                                                            | diecast zinc, nickel-plated                                                        |
| Drag chain suitability  |                                                                            | yes                                                                                |
| Drag chain suitability  | Bending radius for flexible applications                                   | min. 10 x cable diameter                                                           |
|                         | Bending radius for fixed installation                                      | min. 5 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                                                             | > 1 Mio.                                                                           |
| Remarks                 |                                                                            |                                                                                    |
| Pack quantity           | 1 pcs.                                                                     |                                                                                    |

# E11591

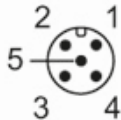


## Connection cable

VDOGH050ZDA00,3C05STGH050ZDS

### Electrical connection - plug

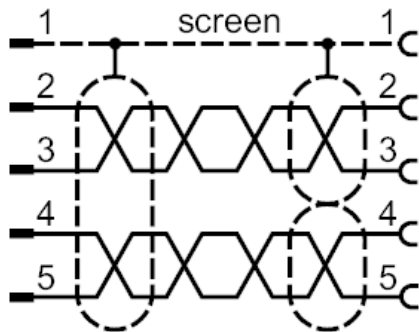
Connector: 1 x M12, straight; coding: A; Moulded body: PUR; Locking: diecast zinc, nickel-plated; Contacts: gold-plated; Tightening torque: 0.5 Nm



### Electrical connection

Cable: 0.3 m, PUR, Halogen-free, lilac, Ø 7.2 mm, screened; RD / BK: 2 x 0.34 mm<sup>2</sup> (19 x Ø 0.16 mm ) + WH / BU: 2 x 0.25 mm<sup>2</sup> (19 x Ø 0.13 mm ) + screen: 1 x 0.34 mm<sup>2</sup> (19 x Ø 0.16 mm ) / twisted

#### Connection



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

### Electrical connection - Socket

Connector: 1 x M12, straight; coding: A; Moulded body: PUR; Locking: diecast zinc, nickel-plated; Contacts: gold-plated; Tightening torque: 0.5 Nm

