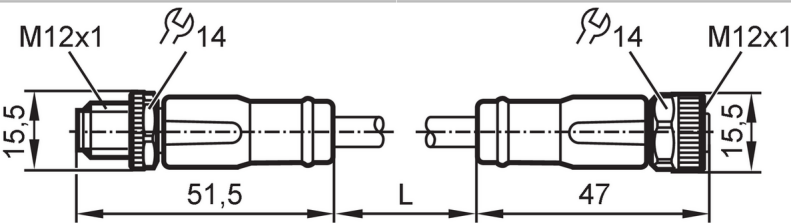


# EVCA58



## Connection cable

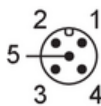
VDOGH050MSD07,5C05STGH050MSS



| Application                                                     |                                                                            |                                                                                    |
|-----------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Special feature                                                 | Halogen-free; gold-plated contacts; screened cable; Drag chain suitability |                                                                                    |
| Application                                                     | Use in mobile and harsh applications; 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]                                                                        | 754.6                                                                              |
| 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.                                                                     |                                                                                    |

### Electrical connection - plug

Connector: 1 x M12, straight; coding: A; Contacts: 5, gold-plated; Moulded body: TPU (urethane), black; Locking: brass, nickel-plated; Tightening torque: 0.6...1.5 Nm



# EVCA58



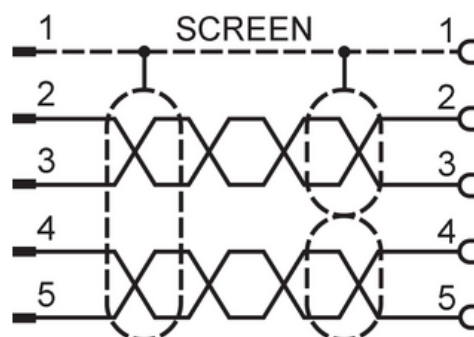
## Connection cable

VDOGH050MSD07,5C05STGH050MSS

### Electrical connection

Cable: 7.5 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, straight; coding: A; Contacts: 5, gold-plated; Moulded body: TPU (urethane), black; Locking: brass, nickel-plated; sealing: FKM; Tightening torque: 0.6...1.5 Nm

