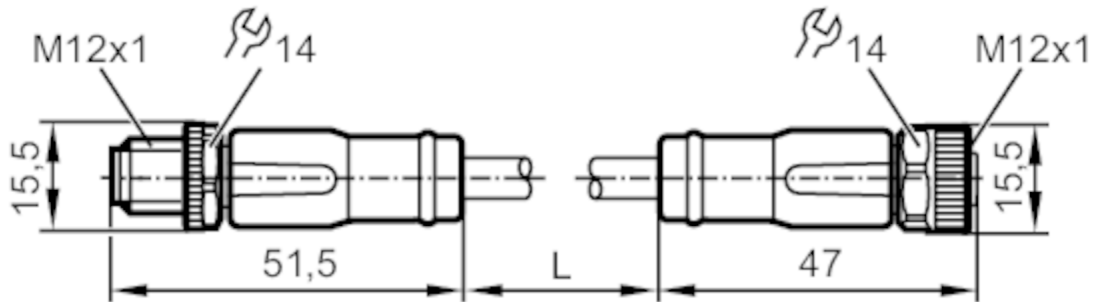


# EVCB59



## Connection cable

VDOGH050MSS0025K05STGH050MSS



### Application

System

Free from silicone; Halogen-free; gold-plated contacts; screened cable; Drag chain suitability

Free from silicone

yes

### Electrical data

Operating voltage

[V]

< 30 AC / < 36 DC

Protection class

III

Max. current load total

[A]

4

### Operating conditions

Ambient temperature

[°C]

-25...90

Ambient temperature

[°C]

(moving)

-25...90

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 65; IP 67

### Mechanical data

Weight

[g]

986.6

Molded-body material

TPU (urethane)

Material nut

brass, nickel-plated

Sealing material

FKM

Drag chain suitability

yes

# EVCB59



## Connection cable

VDOGH050MSS0025K05STGH050MSS

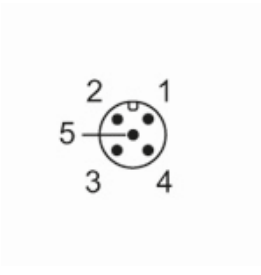
|                        |                                          |                                                                                                |
|------------------------|------------------------------------------|------------------------------------------------------------------------------------------------|
| 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                           | > 2 Mio.                                                                                       |
|                        | Torsional strain                         | ± 180 °/m                                                                                      |

### Remarks

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

### Electrical connection - plug

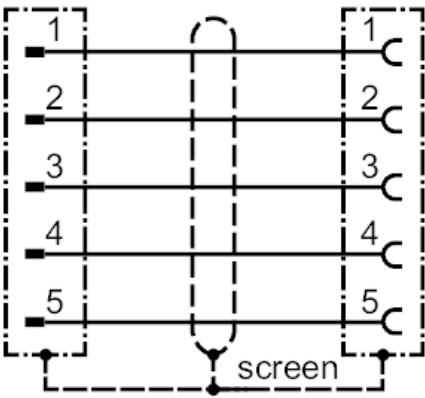
Connector: 1 x M12, straight; coding: A; Moulded body: TPU (urethane), orange; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm; Shielded connection cable: shield connected



### Electrical connection

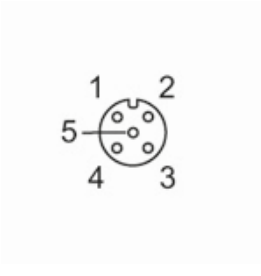
Cable: 25 m, PUR, Halogen-free, black, Ø 4.9 mm, screened; 5 x 0.25 mm<sup>2</sup> (32 x Ø 0.1 mm )

### Connection



### Electrical connection - Socket

Connector: 1 x M12, straight; coding: A; Moulded body: TPU (urethane), orange; Locking: brass, nickel-plated; sealing: FKM; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm; Shielded connection cable: shield connected





Connection cable

VDOGH050MSS0025K05STGH050MSS

Diagrams and graphs

Shielding characteristics

