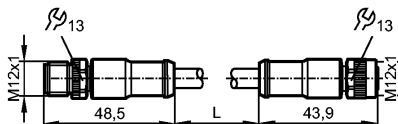




VDOGH050ZDA0002C05STGH050ZDS

Connection technology



**Product characteristics**

**Patchcords**

M12 plug / M12 socket

Free from halogen

gold-plated contacts

**Electrical data**

**Electrical design**

CAN bus

Operating voltage [V]

30 AC / 36 DC

Current rating [A]

4

**Environment**

Ambient temperature [°C]

-25...80

Protection

IP 68

**Mechanical data**

**Design**

straight / straight

Material body

PUR

Material nut

diecast zinc; nickel-plated

Tightening torque for knurled nut [Nm]

0.5

Drag chain suitability

Bending radius for flexible applications:

min. 10 x cable diameter

max. 3.3 m/s for a horizontal travel

length of 5 m and max. acceleration of

5 m/s<sup>2</sup>

Travel speed:

Bending cycles:

> 1 million

Weight [kg]

0.182

**Electrical connection**

Connection

PUR cable / 2 m;

2 x 0.25 mm<sup>2</sup> (19 x Ø 0.13 mm) + 2 x 0.34 mm<sup>2</sup> (19 x Ø 0.16 mm) + 1 x 0.34 mm<sup>2</sup> (19 x Ø 0.16 mm); Ø 6.8 mm; halogen-free, screened

Sheath color

lilac

**Wiring**

Core colors

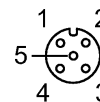
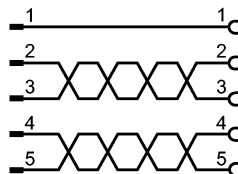
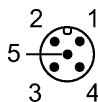
BK black

BU blue

RD red

WH white

screen screen



**Remarks**

Remarks

Pair of cores 1: 2 (RD) and 3 (BK) twisted, cable cross-section 0.25 mm<sup>2</sup>

Pair of cores 2: 4 (WH) and 5 (BU) twisted, cable cross-section 0.34 mm<sup>2</sup>

Pack quantity [piece]

1