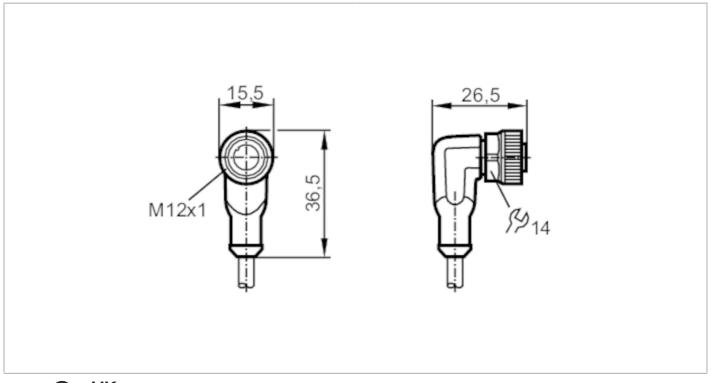
# **EVC549**

# Connecting cable with socket

ADOAH050MSS0010K05







Application		
Special feature		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
Overall current rating (UL)	[A]	3
Operating conditions		
Ambient temperature	[°C]	-2590
Note on ambient temperature		cULus:75
Ambient temperature (moving)	[°C]	-2590
Note on ambient temperature (moving)		cULus:75
Protection		IP 65; IP 67
Mechanical data		
Weight	[g]	404.9
Dimensions	[mm]	26.5 x 15.5 x 36.5
Materials		housing: TPU orange; Sealing: FKM
Material nut		brass, nickel-plated
Drag chain suitability		yes

### **EVC549**

### Connecting cable with socket

ADOAH050MSS0010K05



Drag chain suitability	bending radius for flexible use	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**

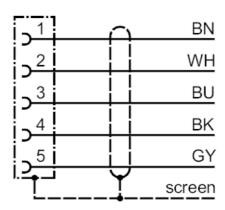
Cable: 10 m, PUR, Halogen-free, black, Ø 4.9 mm, shielded; 5 x 0.25 mm² (32 x Ø 0.1 mm)

### Electrical connection - socket

Connector: 1 x M12, angled; coding: A; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm; Shielded connection cable: screen connected



#### Connection



Core colours:

 BK =
 black

 BN =
 brown

 BU =
 blue

 GY =
 grey

 WH =
 white

# **EVC549**

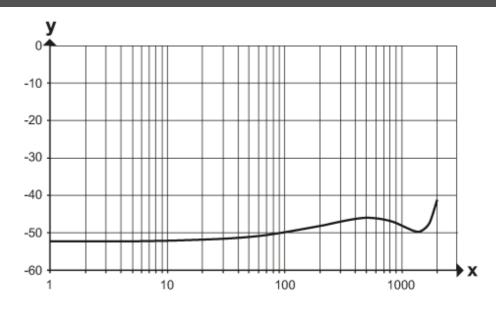
### Connecting cable with socket





# Diagrams and graphs

Shielding characteristics



- x frequency (MHz)
- y Shielding characteristics (dB) according to DIN EN 60512-23-3