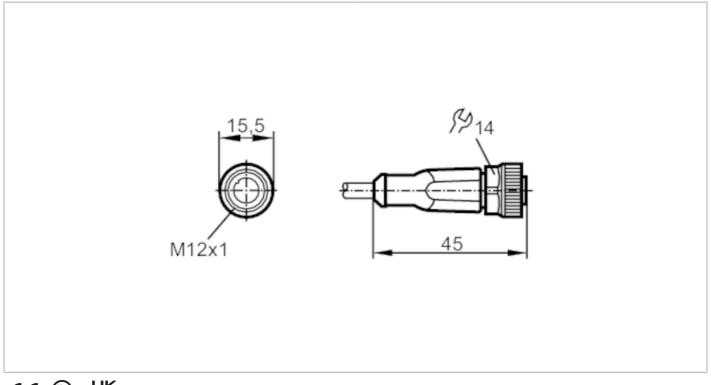
## **EVC545**

### Female cordset

ADOGH050MSS0005K05







Free from silicone  Filectrical data  Operating voltage  Protection class  Max. current load total  Overall current rating (UL)  Ambient temperature  Ambient temperature  ("C)  (moving)  Note on ambient temperature  (moving)  Protection  Protection  Mechanical data  Weight  [g]  Dimensions  (M)  Contacts; screened cable; Drag chain suitability  yes   Strain Suitability  Frage  ("V)  ("S)  ("A)	Application		
Electrical data  Operating voltage [V] <a href="#"><a href="#"><a< td=""><td>System</td><td></td><td></td></a<></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a>	System		
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           (moving)         -2590           Note on ambient temperature (moving)         cULus:75           Protection         IP 65; IP 67           Mechanical data           Weight         [g]         209.2           Dimensions         [mm]         15.5 x 15.5 x 45           Material         housing: TPU (urethane) orange; sealing: FKM           Material nut         brass, nickel-plated	Free from silicone		yes
Protection class  Max. current load total [A] Overall current rating (UL) [A]  Operating conditions  Ambient temperature [°C] Note on ambient temperature (moving) Note on ambient temperature (moving) Protection  Mechanical data  Weight [g] Dimensions [mm]  Material Material nut  Material nut  Material Materi	Electrical data		
Max. current load total [A] 4 Overall current rating (UL) [A] 3  Operating conditions  Ambient temperature [°C] -2590 Note on ambient temperature (moving) Note on ambient temperature (moving) Protection IP 65; IP 67  Mechanical data  Weight [g] 209.2  Dimensions [mm] 15.5 x 15.5 x 45  Material Material nut  Material Material ond in the material and in the material sealing: FKM Material mut brass, nickel-plated	Operating voltage	[V]	< 30 AC / < 36 DC
Overall current rating (UL) [A] 3  Operating conditions  Ambient temperature [°C] -2590  Note on ambient temperature (moving)  Note on ambient temperature (moving)  Protection IP 65; IP 67  Mechanical data  Weight [g] 209.2  Dimensions [mm] 15.5 x 15.5 x 45  Material nut  Material nut  Material rating (UL) [A] 3  To assume the protection (CULus:75  To assume the protection (P 65; IP 67)  To assume the protection (P 65; IP 67)  Assume the protection (P 65; IP 67)  Assume the protection (P 65; IP 67)  Nousing: TPU (urethane) orange; sealing: FKM  Deads of the protection (P 65; IP 67)  Divine the protection (P 65; IP 67)  Material (P 10)  M	Protection class		III
Ambient temperature [°C] -2590 Note on ambient temperature (°C] (moving) Note on ambient temperature (moving) Note on ambient temperature (moving) Protection IP 65; IP 67  Mechanical data  Weight [g] 209.2 Dimensions [mm] 15.5 x 15.5 x 45  Material housing: TPU (urethane) orange; sealing: FKM Material nut  Mechanical data	Max. current load total	[A]	4
Ambient temperature [°C] Note on ambient temperature Ambient temperature [°C] (moving) Note on ambient temperature (moving) Note on ambient temperature (moving) Protection Protection  Mechanical data  Weight  [g] Dimensions [mm] Material Material nut  Possible 1	Overall current rating (UL)	[A]	3
Note on ambient temperature Ambient temperature [°C] (moving)  Note on ambient temperature (moving)  Protection  Mechanical data  Weight [g] 209.2  Dimensions [mm] 15.5 x 15.5 x 45  Material housing: TPU (urethane) orange; sealing: FKM  Material nut  Material nut  CULus:75  CULus:75  Possible 1.25  Possible 2.09.2  Dimensions [mm] 15.5 x 15.5 x 45  Material housing: TPU (urethane) orange; sealing: FKM	Operating conditions		
Ambient temperature (moving)  Note on ambient temperature (moving)  Protection  Mechanical data  Weight [g] 209.2  Dimensions [mm] 15.5 x 15.5 x 45  Material nut brass, nickel-plated	Ambient temperature	[°C]	-2590
(moving)  Note on ambient temperature (moving)  Protection    Pest in the protection   Pest in the protection	Note on ambient temperature		cULus:75
(moving)ProtectionIP 65; IP 67Mechanical dataWeight[g]209.2Dimensions[mm]15.5 x 15.5 x 45Materialhousing: TPU (urethane) orange; sealing: FKMMaterial nutbrass, nickel-plated	Ambient temperature (moving)	[°C]	-2590
Mechanical dataWeight[g]209.2Dimensions[mm]15.5 x 15.5 x 45Materialhousing: TPU (urethane) orange; sealing: FKMMaterial nutbrass, nickel-plated	-		cULus:75
Weight [g] 209.2  Dimensions [mm] 15.5 x 15.5 x 45  Material housing: TPU (urethane) orange; sealing: FKM  Material nut brass, nickel-plated	Protection		IP 65; IP 67
Dimensions [mm] 15.5 x 15.5 x 45  Material housing: TPU (urethane) orange; sealing: FKM  Material nut brass, nickel-plated	Mechanical data		
Material housing: TPU (urethane) orange; sealing: FKM  Material nut brass, nickel-plated	Weight	[g]	209.2
Material nut brass, nickel-plated	Dimensions	[mm]	15.5 x 15.5 x 45
Sides, moter pates	Material		housing: TPU (urethane) orange; sealing: FKM
Drag chain suitability yes	Material nut		brass, nickel-plated
	Drag chain suitability		yes

## **EVC545**

#### Female cordset

ADOGH050MSS0005K05



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**

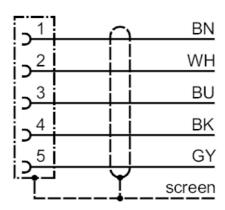
Cable: 5 m, PUR, Halogen-free, black, Ø 4.9 mm, screened;  $5 \times 0.25 \text{ mm}^2$  ( $32 \times Ø 0.1 \text{ mm}$ )

### Electrical connection - Socket

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



#### Connection



Core colors :

BK =	black
BN =	brown
BU =	blue
GY =	grey
WH =	white

## **EVC545**

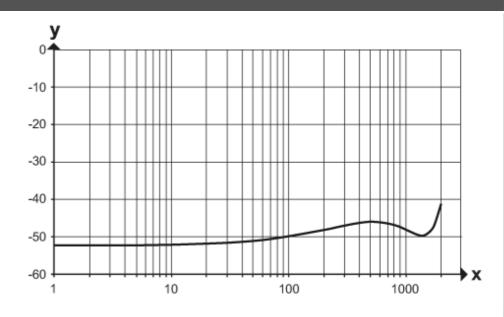
#### Female cordset

ADOGH050MSS0005K05



# Diagrams and graphs

Shielding characteristics



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