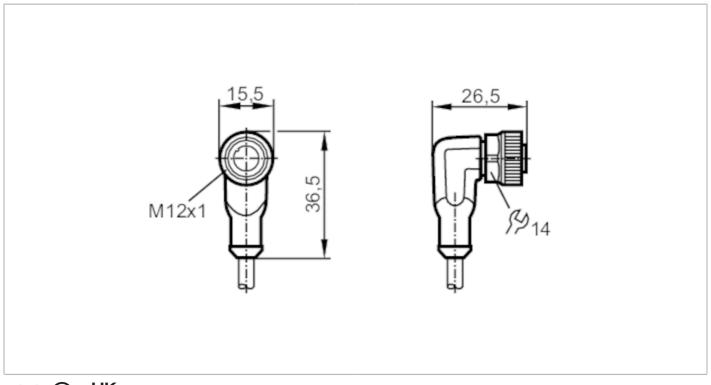
EVC548

Connecting cable with socket

ADOAH050MSS0005K05







contacts; Screened cable; Drag chain suitability Free from silicone Electrical data Operating voltage [V]	Application		
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 [°C] -2590 Note on ambient temperature [°C] -2590 Note on ambient temperature (°C] -2590	Special feature		
Operating voltage [V] <a href="</td"><td>Free from silicone</td><td></td><td>yes</td>	Free from silicone		yes
Protection class Max. current load total [A] 4 Overall current rating (UL) [A] 3 Operating conditions Ambient temperature [°C] -2590 Note on ambient temperature [°C] (moving) Note on ambient temperature (moving) Protection [P 65; IP 67] Mechanical data Weight [g] 212.8 Dimensions [mm] 26.5 x 15.5 x 36.5 Materials housing: TPU orange; Sealing: FKM Material nut brass, nickel-plated	Electrical data		
Max. current load total [A] 4 Overall current rating (UL) [A] 3 Operating conditions Ambient temperature [°C] -2590 Note on ambient temperature Ambient temperature [°C] -2590 Note on ambient temperature (moving) Note on ambient temperature (moving) Protection IP 65; IP 67 Mechanical data Weight [g] 212.8 Dimensions [mm] 26.5 x 15.5 x 36.5 Materials housing: TPU orange; Sealing: FKM Material nut 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 (cULus:75 Ambient temperature (culus:75 Ambient temperature (moving) Note on ambient temperature (moving) Protection IP 65; IP 67 Mechanical data Weight [g] 212.8 Dimensions [mm] 26.5 x 15.5 x 36.5 Materials housing: TPU orange; Sealing: FKM Material nut brass, nickel-plated	Protection class		III
Ambient temperature [°C] -2590 Note on ambient temperature CULus:75 Ambient temperature (°C] -2590 Ambient temperature (°C] (moving) Note on ambient temperature (moving) Protection IP 65; IP 67 Mechanical data Weight [g] 212.8 Dimensions [mm] 26.5 x 15.5 x 36.5 Materials housing: TPU orange; Sealing: FKM Material nut bracks of the first sealing and the	Max. current load total	[A]	4
Ambient temperature [°C] Note on ambient temperature Ambient temperature (°C) Ambient temperature (°C) (moving) Note on ambient temperature (moving) Protection Protection Mechanical data Weight [g] Dimensions [mm] Materials Materials Material nut Possible 1	Overall current rating (UL)	[A]	3
Note on ambient temperature Ambient temperature [°C] (moving) Note on ambient temperature (cULus:75 Note on ambient temperature (moving) Protection Protection Mechanical data Weight [g] 212.8 Dimensions [mm] 26.5 x 15.5 x 36.5 Materials housing: TPU orange; Sealing: FKM Material nut brass, nickel-plated	Operating conditions		
Ambient temperature (moving) Note on ambient temperature (moving) Protection IP 65; IP 67 Mechanical data Weight [g] Dimensions [mm] Ambient temperature (cULus:75 IP 65; IP 67 Mechanical data Veight [g] Dimensions [mm] Auterials Housing: TPU orange; Sealing: FKM Material nut Material nut Material nut	Ambient temperature	[°C]	-2590
(moving) Note on ambient temperature (moving) Protection Mechanical data Weight [g] Dimensions [mm] Materials Material nut Dimensions Material nut Possible 1	Note on ambient temperature		cULus:75
(moving) Protection IP 65; IP 67 Mechanical data Weight [g] Dimensions [mm] 26.5 x 15.5 x 36.5 Materials housing: TPU orange; Sealing: FKM brass, nickel-plated	Ambient temperature (moving)	[°C]	-2590
Mechanical data Weight [g] 212.8 Dimensions [mm] 26.5 x 15.5 x 36.5 Materials housing: TPU orange; Sealing: FKM Material nut brass, nickel-plated	Note on ambient temperature (moving)		cULus:75
Weight [g] 212.8 Dimensions [mm] 26.5 x 15.5 x 36.5 Materials housing: TPU orange; Sealing: FKM Material nut brass, nickel-plated	Protection		IP 65; IP 67
Dimensions [mm] 26.5 x 15.5 x 36.5 Materials housing: TPU orange; Sealing: FKM Material nut brass, nickel-plated	Mechanical data		
Materials housing: TPU orange; Sealing: FKM Material nut brass, nickel-plated	Weight	[g]	212.8
Material nut brass, nickel-plated	Dimensions	[mm]	26.5 x 15.5 x 36.5
Diaco, motor plated	Materials		housing: TPU orange; Sealing: FKM
Drag chain suitability yes	Material nut		brass, nickel-plated
	Drag chain suitability		yes

EVC548

Connecting cable with socket





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 ²
	bending cycles	≥ 2 Mio.
	torsional strain	± 180 °/m

Remarks	
Pack quantity	1 pcs.

Electrical connection

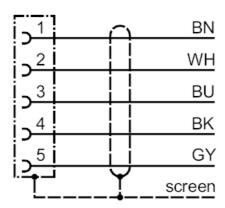
Cable: 5 m, PUR, Halogen-free, black, Ø 4.9 mm, shielded; 5 x 0.25 mm² (32 x Ø 0.1 mm)

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

EVC548

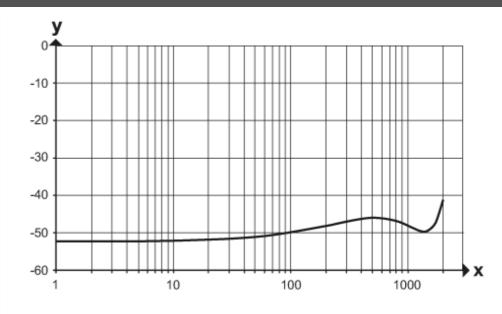
Connecting cable with socket





Diagrams and graphs

Shielding characteristics



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