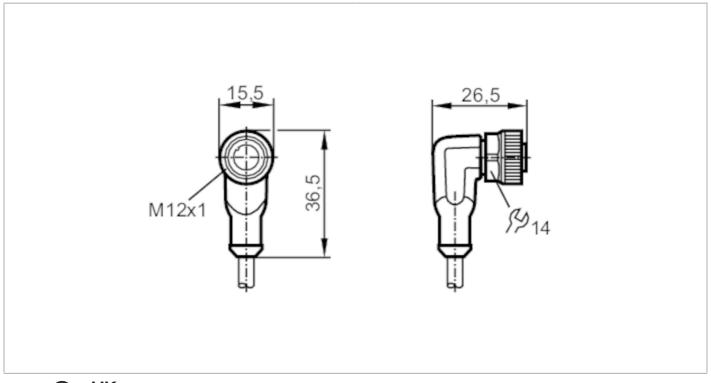
EVC537

Female cordset

ADOAH050MSS0010C05







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 (moving) [°C] -2590 Note on ambient temperature (moving) CULus:75 °C Protection IP 65; IP 67; IP 68; IP 69K Mechanical data Weight [g] 397 Molded-body material TPU (urethane)	Application		
Electrical data Operating voltage [V] < 30 AC / < 36 DC Protection class IIII 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 (°C] -2590 Note on ambient temperature (°C) (moving) Note on ambient temperature (°C) (moving) Protection IP 65; IP 67; IP 68; IP 69K Mechanical data Weight [g] 397 Molded-body material Material nut brass, nickel-plated Sealing material	System		· · · · · · · · · · · · · · · · · · ·
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 (moving) Note on ambient temperature (moving) Protection [P 65; IP 67; IP 68; IP 69K] Mechanical data Weight [g] 397 Molded-body material Material nut brass, nickel-plated Sealing material FKM	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 (culus:75 °C Ambient temperatur	Operating voltage	[V]	< 30 AC / < 36 DC
Overall current rating (UL) [A] 3 Operating conditions Ambient temperature [°C] -2590 Note on ambient temperature (°C] -2590 Note on ambient temperature (°C] (moving) Note on ambient temperature (°C] (moving) Protection IP 65; IP 67; IP 68; IP 69K Mechanical data Weight [g] 397 Molded-body material TPU (urethane) Material nut brass, nickel-plated Sealing material FKM	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; IP 68; IP 69K Mechanical data Weight [g] 397 Molded-body material TPU (urethane) Material nut brass, nickel-plated Sealing material FKM	Max. current load total	[A]	4
Ambient temperature [°C]90 Note on ambient temperature CULus:75 °C Ambient temperature (°C]90 Note on ambient temperature cULus:75 °C Moving) Note on ambient temperature cULus:75 °C Moving) Protection IP 65; IP 67; IP 68; IP 69K Mechanical data Weight [g]397 Molded-body material TPU (urethane) Material nut brass, nickel-plated Sealing material FKM	Overall current rating (UL)	[A]	3
Note on ambient temperature Ambient temperature [°C] (moving) Note on ambient temperature (moving) Protection Mechanical data Weight [g] Molded-body material Material nut Sealing material CULus:75 °C -2590 CULus:75 °C (ULus:75 °C 1P 65; IP 67; IP 68; IP 69K TPU (urethane) FKM	Operating conditions		
Ambient temperature (noving) Note on ambient temperature (moving) Protection Protection IP 65; IP 67; IP 68; IP 69K Mechanical data Weight [g] Molded-body material Material nut Bealing material FKM	Ambient temperature	[°C]	-2590
(moving) Note on ambient temperature (moving) Protection IP 65; IP 67; IP 68; IP 69K Mechanical data Weight [g] Molded-body material Material nut Sealing material FKM	Note on ambient temperature		cULus:75 °C
(moving) Protection IP 65; IP 67; IP 68; IP 69K Mechanical data Weight [g] Molded-body material TPU (urethane) Material nut brass, nickel-plated Sealing material FKM		[°C]	-2590
Mechanical dataWeight[g]397Molded-body materialTPU (urethane)Material nutbrass, nickel-platedSealing materialFKM	· ·		cULus:75 °C
Weight [g] 397 Molded-body material TPU (urethane) Material nut brass, nickel-plated Sealing material FKM	Protection		IP 65; IP 67; IP 68; IP 69K
Molded-body material Material nut Sealing material FKM	Mechanical data		
Material nut brass, nickel-plated Sealing material FKM	Weight	[g]	397
Sealing material FKM	Molded-body material		TPU (urethane)
	Material nut		brass, nickel-plated
Drag chain suitability yes	Sealing material		FKM
	Drag chain suitability		yes

EVC537

Female cordset

ADOAH050MSS0010C05



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 ²
	Bending cycles	≥ 2 Mio.
	Torsional strain	± 180 °/m

Remarks	
Pack quantity	1 pcs.

Electrical connection

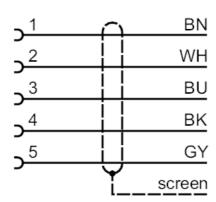
Cable: 10 m, PUR, Halogen-free, black, Ø 4.9 mm, screened; 5 x 0.25 mm² (32 x Ø 0.1 mm)

Electrical connection - Socket

Connector: 1 x M12, angled; 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 not connected



Connection



Core colors:

 BK =
 black

 BN =
 brown

 BU =
 blue

 GY =
 grey

 WH =
 white