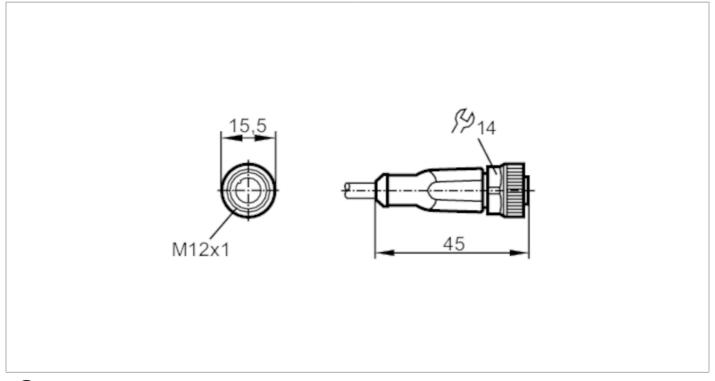
EVC545

Connecting cable with socket

ADOGH050MSS0005K05







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; (cULus: 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	

EVC545

Connecting cable with socket

ADOGH050MSS0005K05



Mechanical data				
Weight	[g]	211.9		
Dimensions	[mm]	15.5 x 15.5 x 45		
Materials		housing: TPU orange; Sealing: FKM		
Material nut		brass, nickel-plated		
Drag chain suitability		yes		
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, straight; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm; Shielded connection cable: screen connected



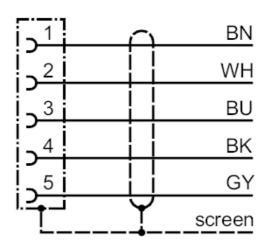
EVC545

Connecting cable with socket

ADOGH050MSS0005K05



Connection



Core colours :

 BK =
 black

 BN =
 brown

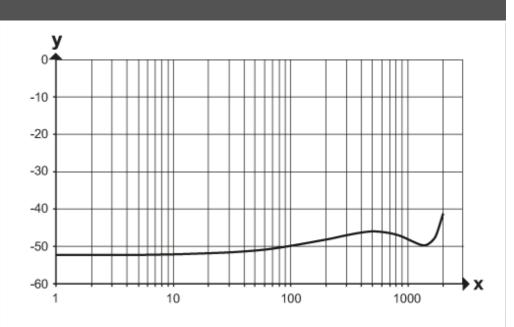
 BU =
 blue

 GY =
 grey

 WH =
 white

Diagrams and graphs

Shielding characteristics



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