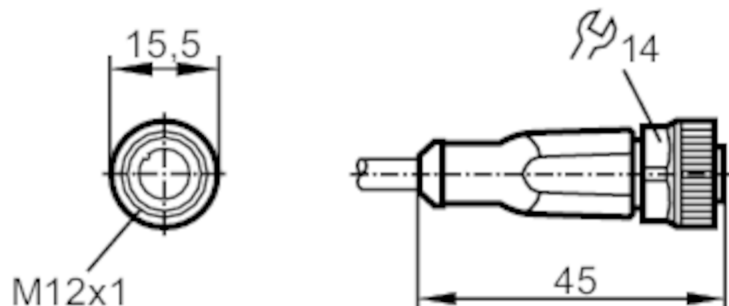# EVC601

Connecting cable with socket

ADOGH040MSS00,7H04

| Application	
Special feature	Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability
Free from silicone	yes
Electrical data	
Operating voltage [V]	< 250 AC / < 300 DC
Protection class	II
Max. current load total [A]	4
Operating conditions	
Ambient temperature [°C]	-25...90
Note on ambient temperature	cULus: ...75
Ambient temperature (moving) [°C]	-25...90
Note on ambient temperature (moving)	cULus: ...75
Protection	IP 65; IP 67; IP 68; IP 69K

EVC601

Connecting cable with socket

ADOGH040MSS00,7H04

Mechanical data			
Weight	[g]	46	
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/s²
		bending cycles	> 5 Mio.
		torsional strain	± 180 °/m

Remarks	
Notes	Please see the technical note under "Downloads"
Pack quantity	1 pcs.

Electrical connection
Cable: 0.7 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm² (42 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
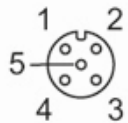
EVC601

Connecting cable with socket

Connection
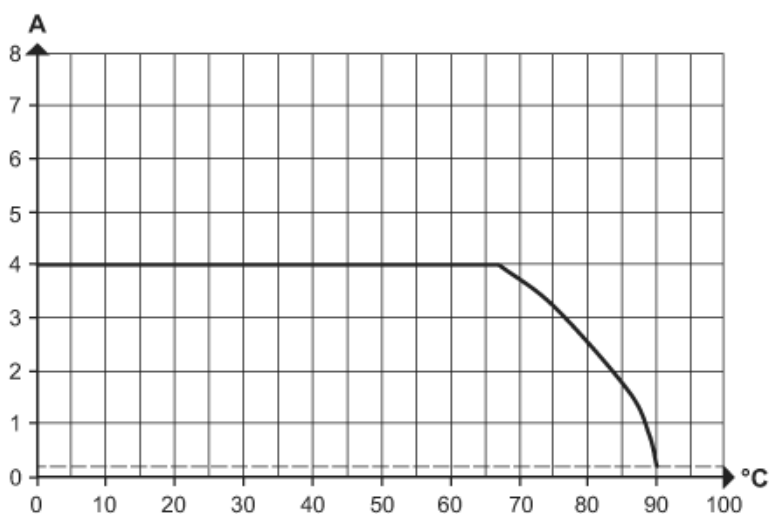

Core colours :

BK =   black

BN =   brown

BU =   blue

WH =   white

Diagrams and graphs

characteristic line for derating

Derating Imax * 0.8 (DIN EN 60512-5-2)

X   Ambient temperature [°C]

Y   Current [A]