

# EVC597



## Connecting cable with socket

ADOAH040MSS0020C04



### 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]	< 50 AC / < 60 DC
Protection class	III
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

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Mechanical data		
Weight [g]	793	
Dimensions [mm]	26.5 x 15.5 x 36.5	
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 <sup>2</sup>
	bending cycles	≥ 2 Mio.
	torsional strain	± 180 °/m

Remarks	
Pack quantity	1 pcs.

Electrical connection	
Cable: 20 m, PUR, Halogen-free, black, Ø 4.9 mm, shielded; 4 x 0.34 mm <sup>2</sup> (42 x Ø 0.1 mm )	

Electrical connection - socket	
Connector: 1 x M12, angled; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm; Shielded connection cable: screen not connected	



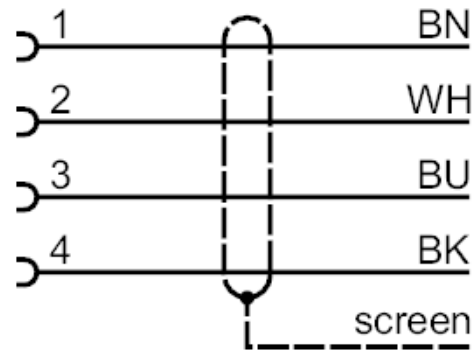
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### Connection



Core colours :

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