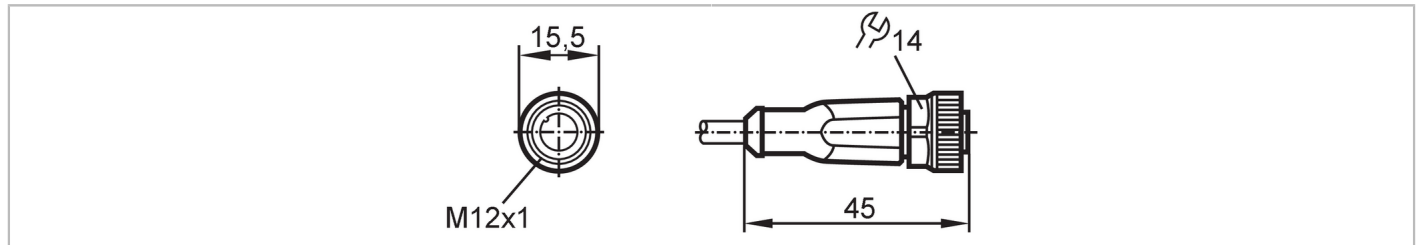


# EVC561



## Connecting cable with socket

ADOGH050MSS0030C05



Application		
Special feature	Free from silicone; Halogen-free; Gold-plated contacts; Screened cable; Drag chain suitability	
Application	Industrial applications / factory automation; Use in machine tools, coolants and lubricants	
Free from silicone	yes	
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]	-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	
Mechanical data		
Weight [g]	1148.5	
Dimensions [mm]	15.5 x 15.5 x 45	
Moulded-body material	TPU	
Material nut	brass, nickel-plated	
Sealing material	FKM	
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.	

# EVC561



## Connecting cable with socket

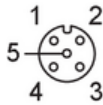
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### Electrical connection

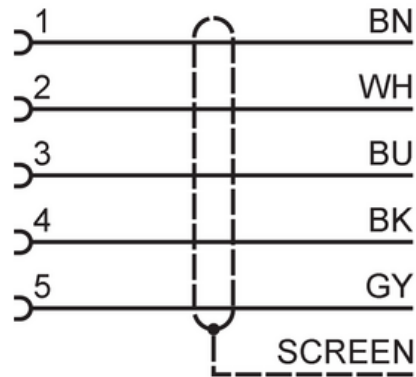
Cable: 30 m, PUR, Halogen-free, black, Ø 4.9 mm, shielded; 5 x 0.25 mm<sup>2</sup> (32 x Ø 0.1 mm )

### Electrical connection - socket

Connector: 1 x M12, straight; coding: A; Contacts: 5, gold-plated; Moulded body: TPU, orange; Locking: brass, nickel-plated; Sealing: FKM; Tightening torque: 0.6...1.5 Nm; Shielded connection cable: screen not connected



### Connection



	Core colours :
BK =	black
BN =	brown
BU =	blue
GY =	grey
WH =	white