

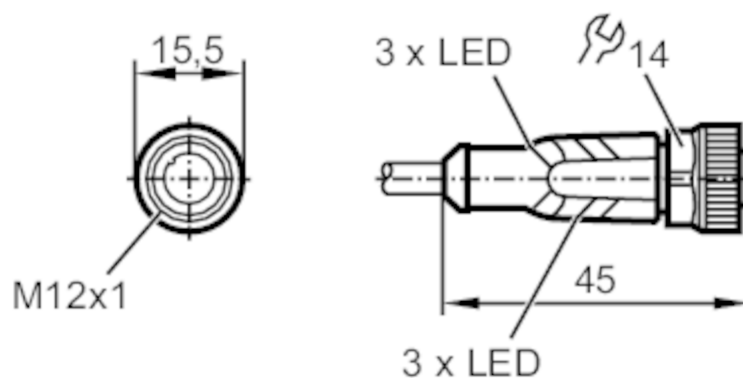
# EVC646



## Female cordset

ADOGH046MSS0010H04

Please see the technical note under "Downloads"



### Application

System	Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability
Free from silicone	yes

### Electrical data

Operating voltage [V]	10...36 DC
Protection class	II
Max. current load total [A]	4

### Outputs

Electrical design	PNP
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### Operating conditions

Ambient temperature [°C]	-25...90
Note on ambient temperature	cULus: ...50
Ambient temperature (moving) [°C]	-25...90
Note on ambient temperature (moving)	cULus: ...50
Protection	IP 65; IP 67; IP 68; IP 69K

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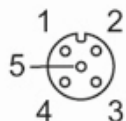
Mechanical data		
Weight	[g]	286.3
Dimensions	[mm]	15.5 x 15.5 x 45
Material	housing: TPU (urethane) black transparent; sealing: FKM	
Material nut	brass, nickel-plated	
Drag chain suitability	yes	
Drag chain suitability	Bending radius for flexible applications	min. 10 x cable diameter
	Travel speed	max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s <sup>2</sup>
	Bending cycles	> 5 Mio.
	Torsional strain	± 180 °/m

Displays / operating elements		
Display	Switching status	4 x LED, yellow
	Power	2 x LED, green

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

Electrical connection	
Cable: 10 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm <sup>2</sup> (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	



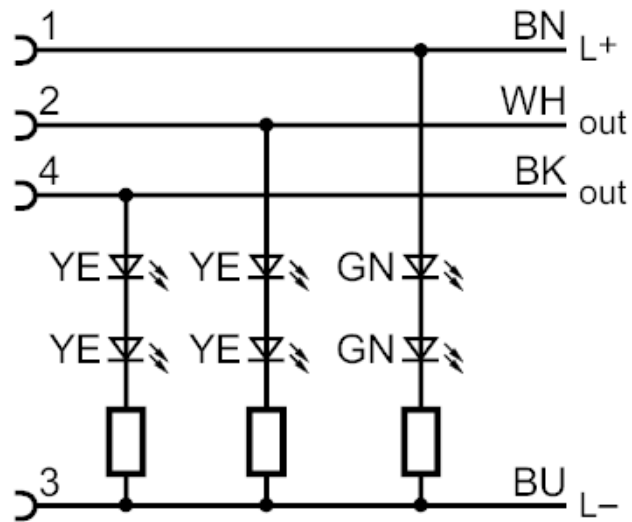
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### Connection



Core colors :

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