

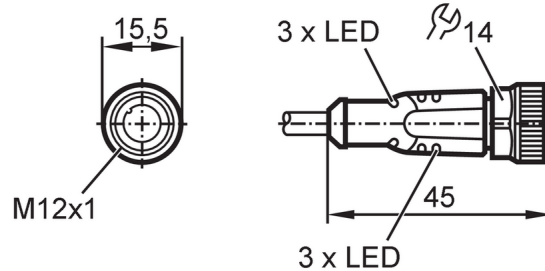
EVC646



Female cordset

ADOGH046MSS0010H04

Please see the technical note under "Downloads"



Application

Special feature	Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability
Application	Industrial applications; Oils and coolants
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

Mechanical data

Weight	[g]	286.3
Dimensions	[mm]	15.5 x 15.5 x 45
Molded-body material		TPU (urethane)
Material nut		brass, nickel-plated
Sealing material		FKM
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/s²
	Bending cycles	> 5 Mio.
	Torsional strain	± 180 °/m

Displays / operating elements

Display	Switching status	4 x LED, yellow
	Power	2 x LED, green

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Remarks

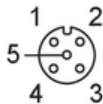
Notes	Please see the technical note under "Downloads"
Pack quantity	1 pcs.

Electrical connection

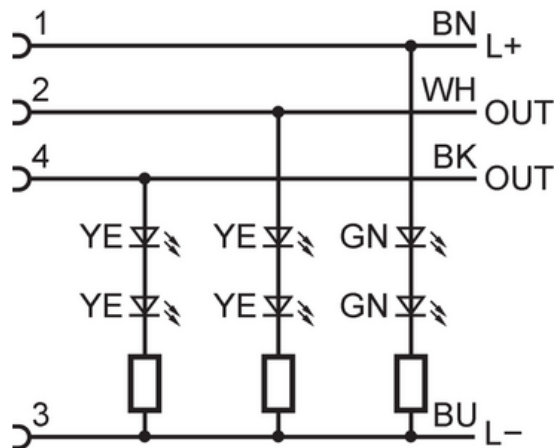
Cable: 10 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm² (42 x Ø 0.1 mm)

Electrical connection - Socket

Connector: 1 x M12, straight; coding: A; Contacts: 4, gold-plated; Moulded body: TPU (urethane), black transparent; Locking: brass, nickel-plated; sealing: FKM; Tightening torque: 0.6...1.5 Nm



Connection



BK = Core colors :
BN = black
BU = brown
WH = blue
white