

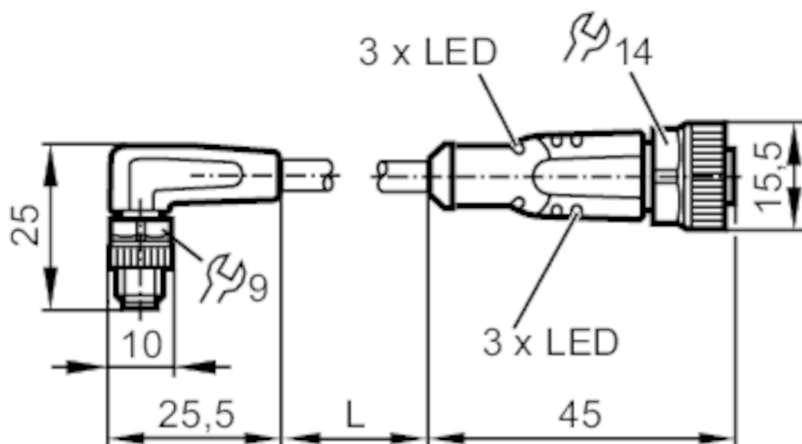
EVC678



Connection cable

VDOGH046MSS00,3H04STAF040MSS

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	III
Max. current load total [A]	3

Outputs

Electrical design	PNP
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Operating conditions

Ambient temperature [°C]	-25...90
Note on ambient temperature	cULus: ...75 °C
Ambient temperature (moving) [°C]	-25...90
Note on ambient temperature (moving)	cULus: ...75 °C
Protection	IP 65; IP 67; IP 68; IP 69K



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Mechanical data		
Weight	[g]	39.2
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/s ²
	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.

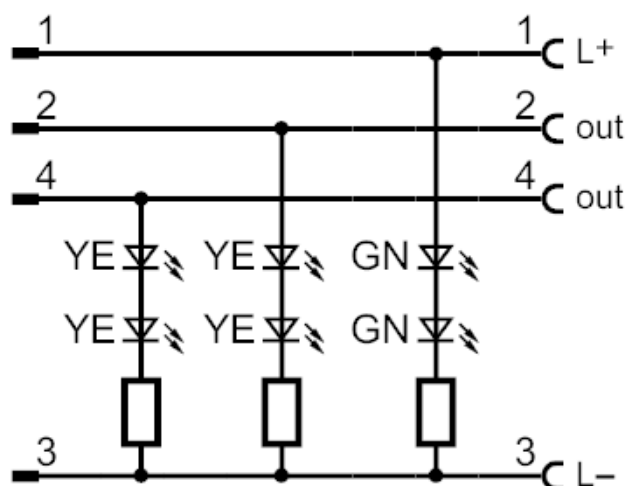
Electrical connection - plug

Connector: 1 x M8, angled; Moulded body: TPU (urethane), orange; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.3...0.5 Nm



Electrical connection
Cable: 0.3 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm ² (42 x Ø 0.1 mm)

Connection



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Electrical connection - Socket

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

