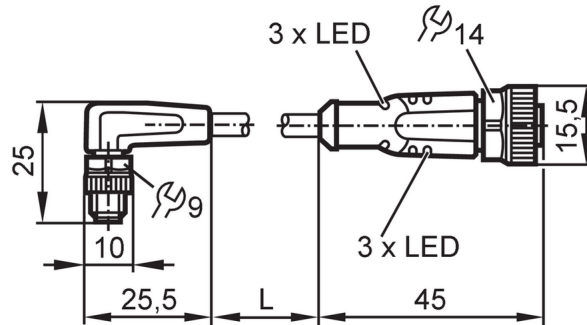




Connection cable

VDOGH046MSS00,3H04STAF040MSS

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		III
Max. current load total	[A]	3
Outputs		
Electrical design	PNP	
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	
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/s²
	Bending cycles	> 5 Mio.
	Torsional strain	± 180 °/m
Displays / operating elements		
Display	Switching status	4 x LED, yellow
	Power	2 x LED, green

EVC678



Connection cable

VDOGH046MSS00,3H04STAF040MSS

Remarks

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

Electrical connection - plug

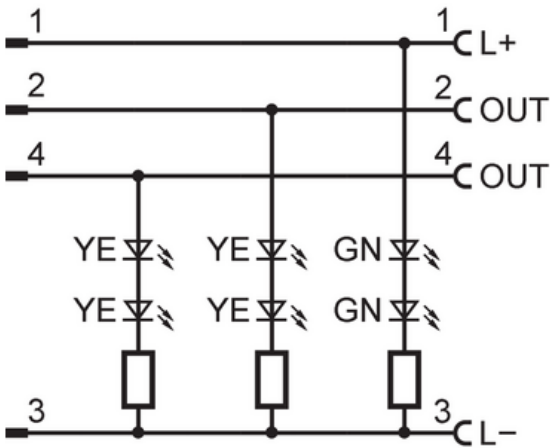
Connector: 1 x M8, angled; coding: A; Contacts: 4, gold-plated; Moulded body: TPU (urethane), orange; Locking: brass, nickel-plated; Tightening torque: 0.3...0.5 Nm



Electrical connection

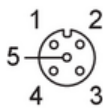
Cable: 0.3 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm² (42 x Ø 0.1 mm)

Connection



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



EVC678

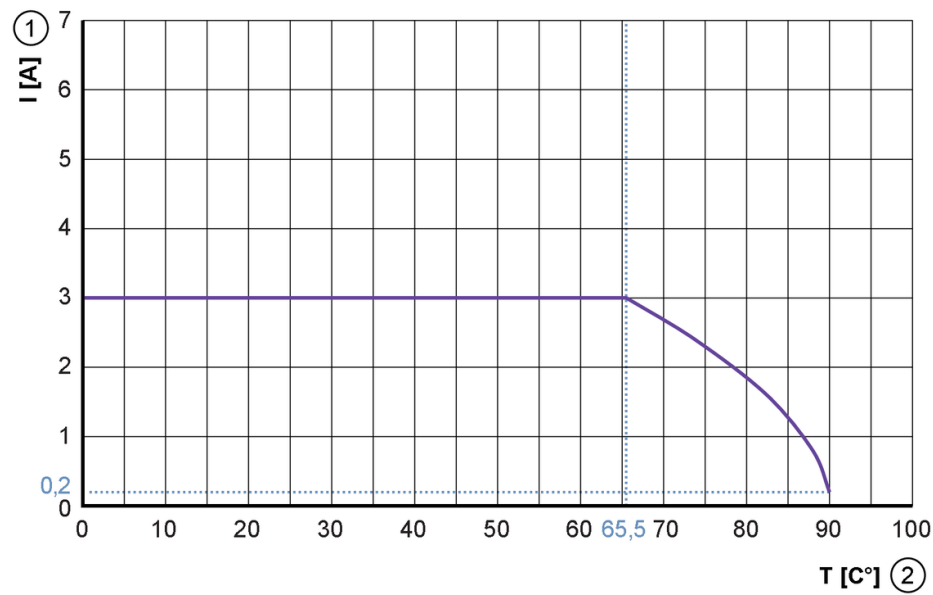


Connection cable

VDOGH046MSS00,3H04STAF040MSS

Diagrams and graphs

Characteristic curve for derating



- 1 Current [A]
- 2 Ambient temperature [°C]