

EVC028



Connection cable

VDOGH040MSS0002H04STAH040MSS

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]	< 250 AC / < 300 DC
Protection class	II
Max. current load total [A]	4

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
Storage temperature [°C]	-25...55
Storage humidity [%]	10...100
Other climatic conditions for storage according to stated class	1K22/ DIN 60721-3-1
Protection	IP 65; IP 67; IP 68; IP 69K

Mechanical data

Weight [g]	89.7
Dimensions [mm]	30.5 x 15.5 x 36.5

EVC028



Connection cable

VDOGH040MSS0002H04STAH040MSS

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

Remarks

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

Electrical connection - plug

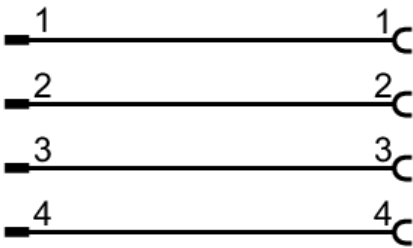
Connector: 1 x M12, angled; coding: A; Moulded body: TPU (urethane), orange; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



Electrical connection

Cable: 2 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm² (42 x Ø 0.1 mm)

Connection



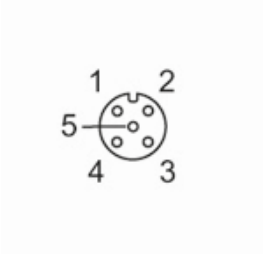


Connection cable

VDOGH040MSS0002H04STAH040MSS

Electrical connection - Socket

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



Diagrams and graphs

Characteristic curve for derating



Derating $I_{max} \cdot 0.8$ (DIN EN 60512-5-2)

- X Ambient temperature [°C]
- Y Current [A]