

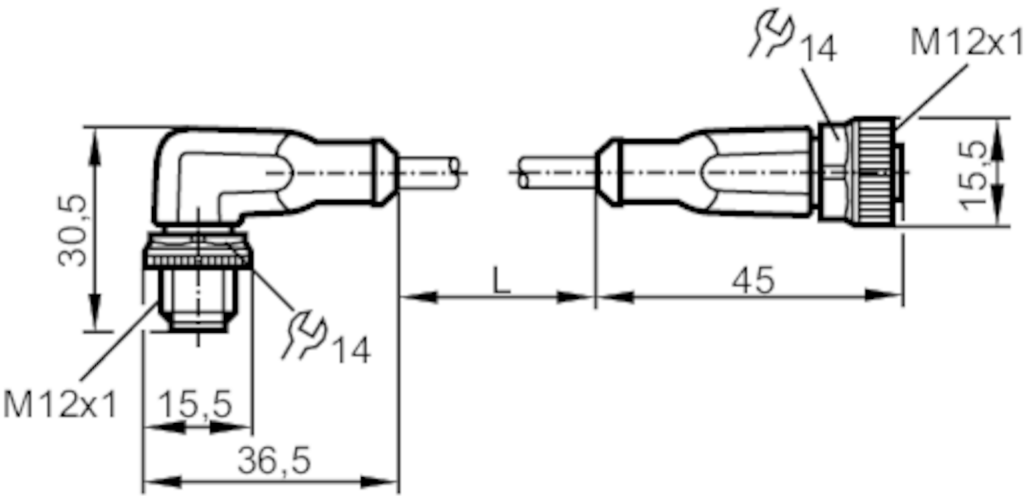
# EVC175



## Connection cable

VDOGH040MSS0020H04STAH040MSS

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]	670.5
Dimensions	[mm]	30.5 x 15.5 x 36.5

EVC175



Connection cable

VDOGH040MSS0020H04STAH040MSS

Material	housing: TPU (urethane) orange; 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/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

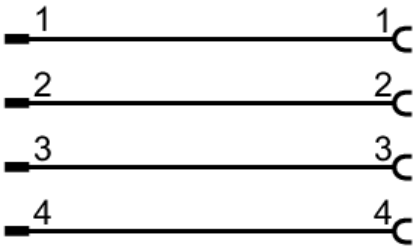
Connector: 1 x M12, angled; coding: A; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



Electrical connection

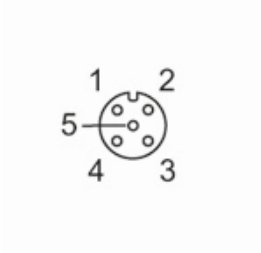
Cable: 20 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm² (42 x Ø 0.1 mm )

Connection



Electrical connection - Socket

Connector: 1 x M12, straight; coding: A; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



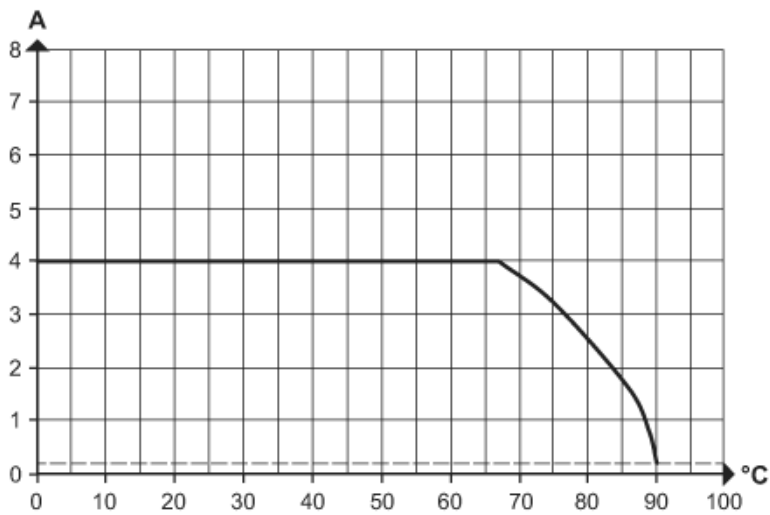


Connection cable

VDOGH040MSS0020H04STAH040MSS

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]