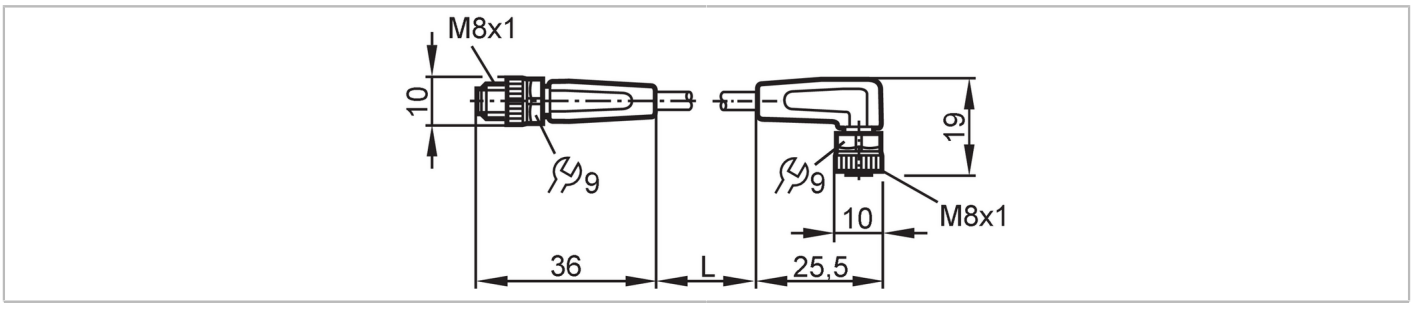
EVC277

Connection cable

VDOAF030MSS0001H03STGF030MSS



Application			
Special feature		Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability	
Application		Industrial applications / factory automation; Use in machine tools, coolants and lubricants	
Free from silicone		yes	
Electrical data			
Operating voltage	[V]	< 50 AC / < 60 DC	
Protection class		III	
Max. current load total	[A]	3	
Operating conditions			
Ambient temperature	[°C]	-25...90	
Note on ambient temperature		cULus: ...80	
Ambient temperature (moving)	[°C]	-25...90	
Note on ambient temperature (moving)		cULus: ...80	
Protection		IP 65; IP 67; IP 68; IP 69K	
Mechanical data			
Weight	[g]	39.9	
Dimensions	[mm]	10 x 10 x 36	
Moulded-body material		TPU	
Material nut		brass, nickel-plated	
Sealing material		FKM	
Drag chain suitability		yes	
Drag chain suitability		bending radius for flexible use	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			
Pack quantity		1 pcs.	

EVC277

Connection cable

VDOAF030MSS0001H03STGF030MSS

Electrical connection - plug

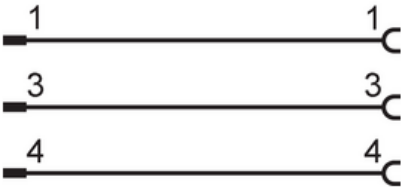
Connector: 1 x M8, straight; coding: A; Contacts: 3, gold-plated; Moulded body: TPU, orange; Locking: brass, nickel-plated; Tightening torque: 0.3...0.5 Nm



Electrical connection

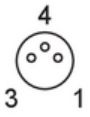
Cable: 1 m, PUR, Halogen-free, black, Ø 3.7 mm; 3 x 0.25 mm² (32 x Ø 0.1 mm)

Connection



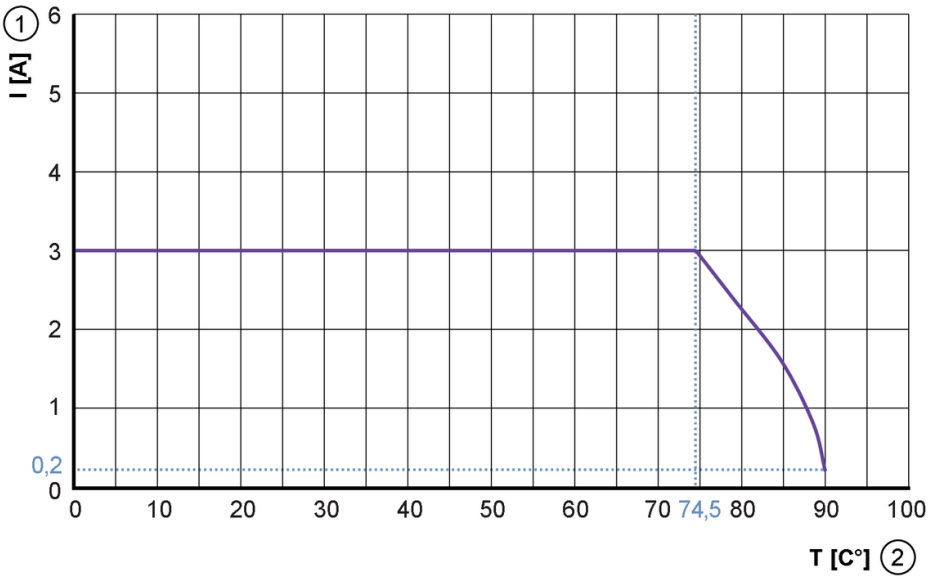
Electrical connection - socket

Connector: 1 x M8, angled; coding: A; Contacts: 3, gold-plated; Moulded body: TPU, orange; Locking: brass, nickel-plated; Sealing: FKM; Tightening torque: 0.3...0.5 Nm



Diagrams and graphs

characteristic line for derating



1 Current [A]

2 Ambient temperature [°C]