

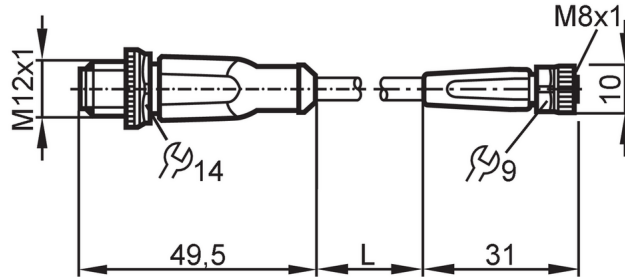
EVC219



Connection cable

VDOGF030MSS0005H03STGH030MSS

Please see the technical note under "Downloads"



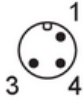
Application	
Special feature	Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability
Application	Industrial applications / factory automation; Use in machine tools, coolants and lubricants
Free from silicone	yes
Electrical data	
Operating voltage [V]	< 50 AC / < 60 DC
Protection class	III
Max. current load total [A]	3
Operating conditions	
Ambient temperature [°C]	-25...90
Note on ambient temperature	cULus: ...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]	152.1
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/s ²
	bending cycles > 5 Mio.
	torsional strain ± 180 °/m
Remarks	
Notes	Please see the technical note under "Downloads"
Pack quantity	1 pcs.

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Electrical connection - plug

Connector: 1 x M12, straight; coding: A; Contacts: 3, gold-plated; Moulded body: TPU, orange; Locking: brass, nickel-plated; Tightening torque: 0.6...1.5 Nm



Electrical connection

Cable: 5 m, PUR, Halogen-free, black, \varnothing 4.3 mm; 3 x 0.34 mm² (42 x \varnothing 0.1 mm)

Connection



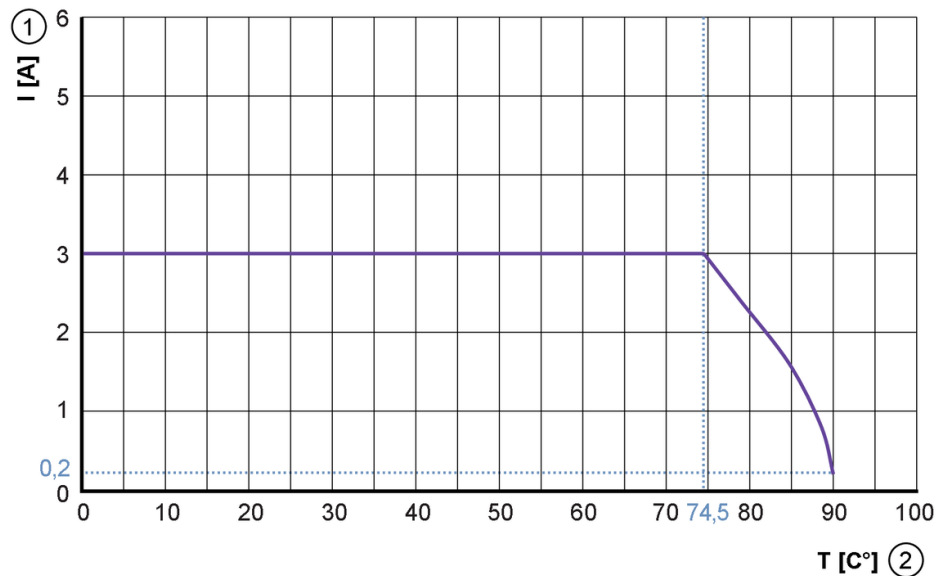
Electrical connection - socket

Connector: 1 x M8, straight; 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]