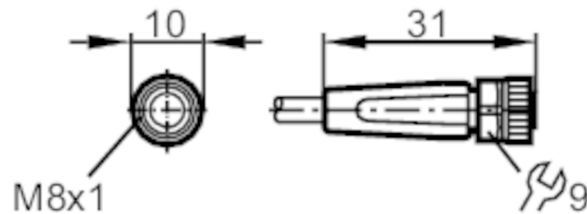


EVC818



Connecting cable with socket

ADOGF030MSS0006H03



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: ...85 °C
Ambient temperature (moving) [°C]	-25...90
Note on ambient temperature (moving)	cULus: ...85 °C
Protection	IP 65; IP 67; IP 68; IP 69K

Mechanical data

Weight [g]	131.1
Dimensions [mm]	10 x 10 x 31
Moulded-body material	TPU
Material nut	brass, nickel-plated
Sealing material	FKM
Drag chain suitability	yes

EVC818



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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

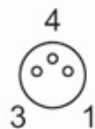
Pack quantity	1 pcs.
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Electrical connection

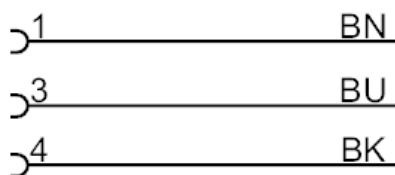
Cable: 6 m, PUR, Halogen-free, black, Ø 3.7 mm; 3 x 0.25 mm² (32 x Ø 0.1 mm)

Electrical connection - socket

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



Connection



	Core colours :
BK	black
BN	brown
BU	blue

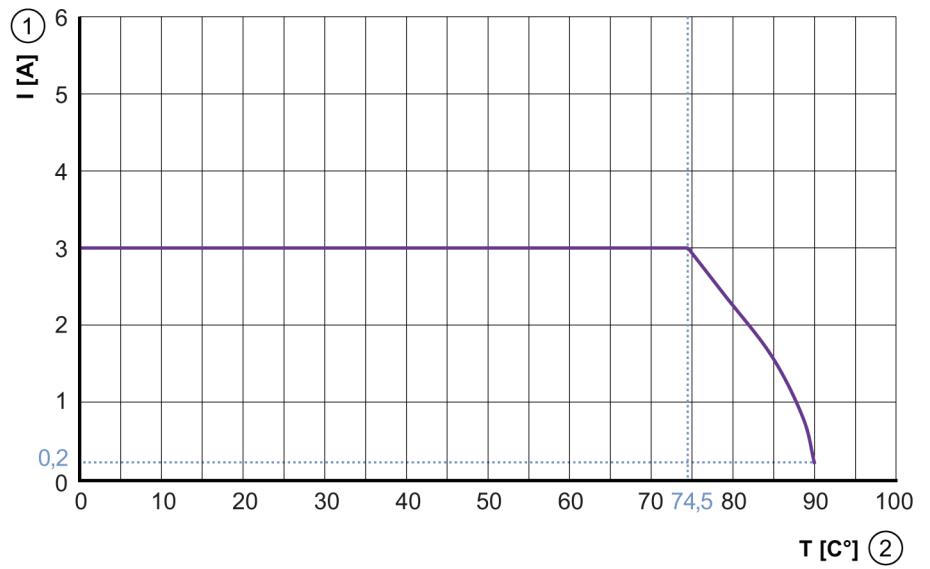


Connecting cable with socket

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Diagrams and graphs

characteristic line for derating



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