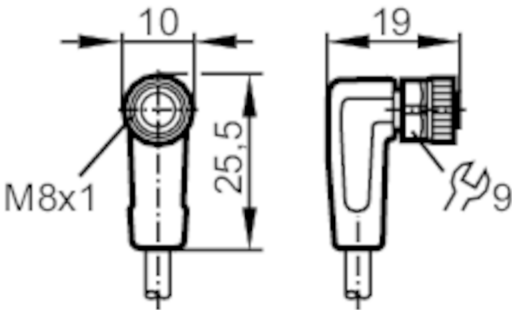


EVC154



Female cordset

ADOAF040MSS0005H04



Application		
System		Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability
Application		Industrial applications; Oils and coolants
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]	118.2
Dimensions	[mm]	19 x 10 x 25.5
Molded-body material		TPU (urethane)
Material nut		brass, nickel-plated
Sealing material		FKM
Drag chain suitability		yes

EVC154



Female cordset

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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/s ²
	Bending cycles	> 5 Mio.
	Torsional strain	± 180 °/m

Remarks

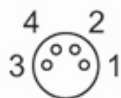
Pack quantity 1 pcs.

Electrical connection

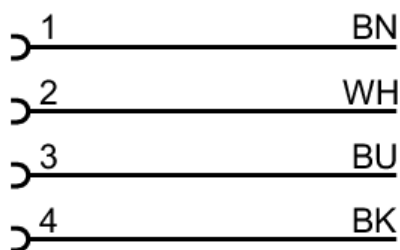
Cable: 5 m, PUR, Halogen-free, black, Ø 3.7 mm; 4 x 0.25 mm² (32 x Ø 0.1 mm)

Electrical connection - Socket

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



Connection



BK = Core colors :
BN = black
BU = brown
WH = blue
BK = white

EVC154

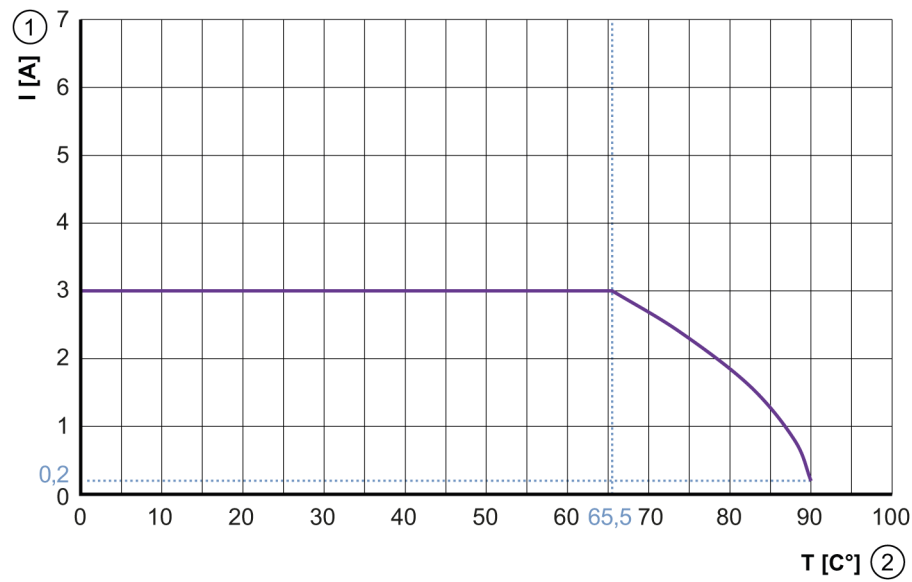


Female cordset

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Diagrams and graphs

Characteristic curve for derating



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