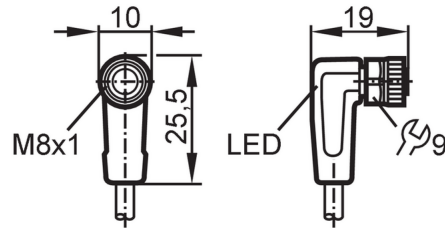




Connecting cable with socket

ADOAF032MSS0005H03



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]	10...36 DC
Protection class		III
Max. current load total	[A]	3

Outputs

Electrical design	PNP
-------------------	-----

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

Tests / approvals

MTTF	[years]	31710
------	---------	-------

Mechanical data

Weight	[g]	110.8
Dimensions	[mm]	19 x 10 x 25.5
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

Displays / operating elements

Display	switching status	1 x LED, yellow
	operation	1 x LED, green

EVC148



Connecting cable with socket

ADOAF032MSS0005H03

Remarks

Pack quantity

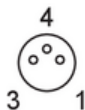
1 pcs.

Electrical connection

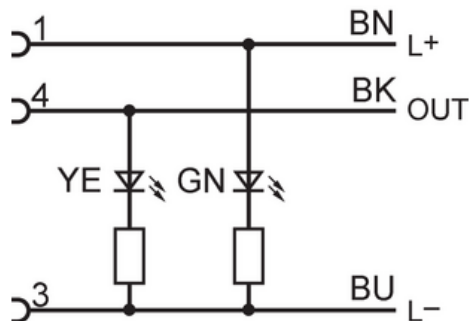
Cable: 5 m, PUR, Halogen-free, black, Ø 3.7 mm; 3 x 0.25 mm² (32 x Ø 0.1 mm)

Electrical connection - socket

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



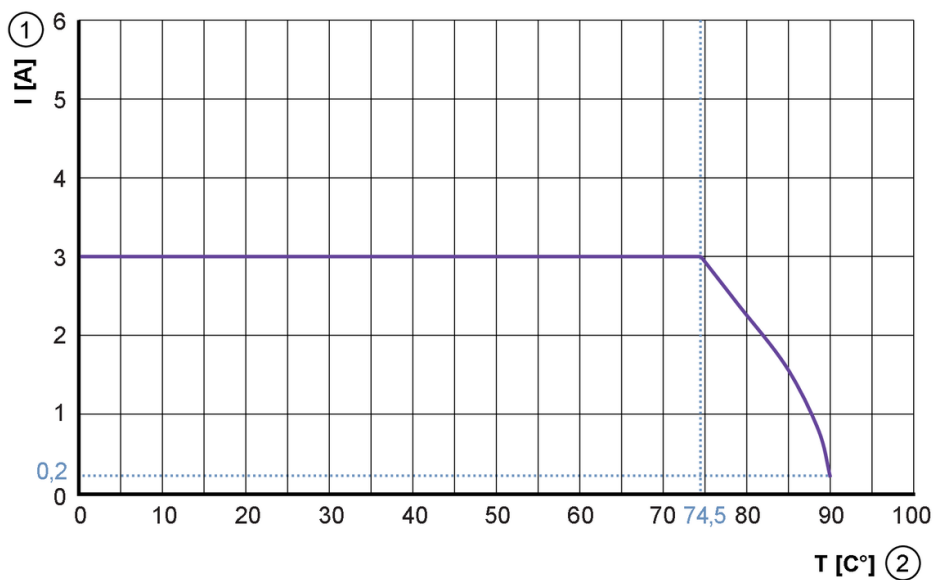
Connection



Core colours :
BK = black
BN = brown
BU = blue

Diagrams and graphs

characteristic line for derating



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