



Female cordset

ADOAH032ZDB0002E03



Application

System	Free from silicone; gold-plated contacts; Drag chain suitability
Application	Industrial applications
Free from silicone	yes

Electrical data

Operating voltage	[V]	10...36 DC
Protection class		II
Max. current load total	[A]	4

Outputs

Electrical design	PNP
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Operating conditions

Ambient temperature	[°C]	-25...70
Ambient temperature (moving)	[°C]	5...70
Protection		IP 65; IP 67

Mechanical data

Weight	[g]	83.2
Dimensions	[mm]	26.5 x 15.5 x 36.5
Material		housing: TPU (urethane) black transparent; sealing: FKM
Molded-body material		TPU (urethane)
Material nut		brass, nickel-plated
Sealing material		FKM
Drag chain suitability		yes



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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/s²
	Bending cycles	1 Mio.
	Torsional strain	± 180 °/m

Displays / operating elements

Display	Switching status	1 x LED, yellow
	Power	1 x LED, green

Remarks

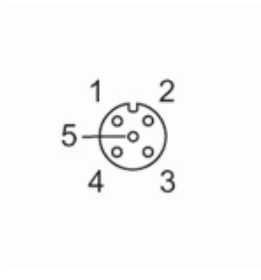
Pack quantity	1 pcs.
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Electrical connection

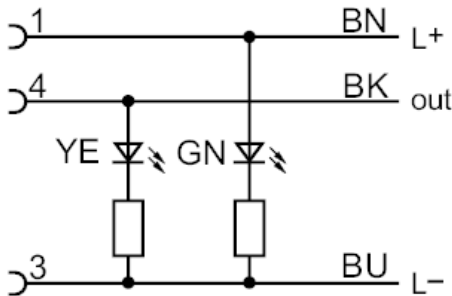
Cable: 2 m, PVC, black, Ø 4.5 mm; 3 x 0.25 mm² (14 x Ø 0.15 mm)

Electrical connection - Socket

Connector: 1 x M12, angled; coding: A; Moulded body: TPU (urethane), black transparent; Locking: brass, nickel-plated; sealing: FKM; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



Connection



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