

Connecting cable with socket

ADOAH050MSS0002C05



Application

Special feature

Free from silicone; Halogen-free; Gold-plated contacts; Screened cable; Drag chain suitability

Free from silicone

yes

Electrical data

Operating voltage [V] < 30 AC / < 36 DC

Protection class III

Max. current load total [A] 4

Overall current rating (UL) [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] 100.5

Moulded-body material TPU

Material nut brass, nickel-plated

Sealing material FKM

Drag chain suitability yes



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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/s²
	bending cycles	≥ 2 Mio.
	torsional strain	± 180 °/m

Remarks

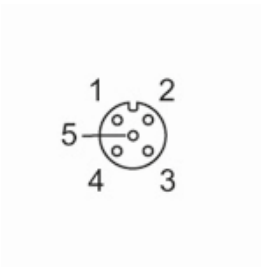
Pack quantity	1 pcs.
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Electrical connection

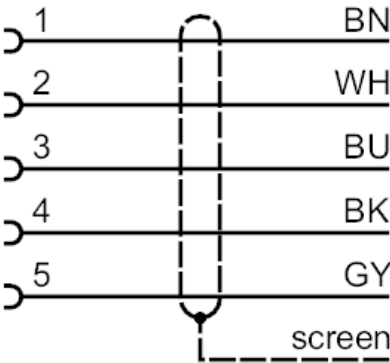
Cable: 2 m, PUR, Halogen-free, black, Ø 4.9 mm, shielded; 5 x 0.25 mm² (32 x Ø 0.1 mm)

Electrical connection - socket

Connector: 1 x M12, angled; coding: A; Moulded body: TPU, orange; Locking: brass, nickel-plated; Sealing: FKM; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm; Shielded connection cable: screen not connected



Connection



	Core colours :
BK =	black
BN =	brown
BU =	blue
GY =	grey
WH =	white