



Connecting cable with socket

ADOAH040VAS0025L04



Application

Special feature	Free from silicone; Gold-plated contacts; Screened cable; Drag chain suitability
Application	hygienic and wet areas in the food industry
Free from silicone	yes

Electrical data

Operating voltage	[V]	< 50 AC / < 60 DC
Protection class		III
Max. current load total	[A]	4
Overall current rating (UL)	[A]	3

Operating conditions

Ambient temperature	[°C]	-25...100
Note on ambient temperature		cULus: ...50
Ambient temperature (moving)	[°C]	5...100
Note on ambient temperature (moving)		cULus: ...50
Protection		IP 65; IP 67; IP 68; IP 69K

Mechanical data

Weight	[g]	1179.5
Dimensions	[mm]	26.5 x 15.5 x 36.5
Materials		housing: PVC orange; Sealing: EPDM
Material nut		stainless steel (1.4404 / 316L)
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/s ²
	bending cycles	> 1 Mio.
	torsional strain	± 180 °/m

Remarks

Pack quantity 1 pcs.

Electrical connection

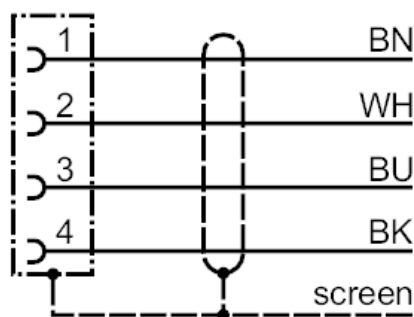
Cable: 25 m, PVC, orange, Ø 5.2 mm, shielded; 4 x 0.34 mm² (42 x Ø 0.1 mm)

Electrical connection - socket

Connector: 1 x M12, angled; coding: A; Locking: stainless steel (1.4404 / 316L); Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm; Shielded connection cable: screen connected



Connection



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



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Diagrams and graphs

Shielding characteristics



x frequency (MHz)

y Shielding characteristics (dB)

according to DIN EN 60512-23-3