

EVT412



Female cordset

ADOAH050VAS0025L05



Application

System	Free from silicone; gold-plated contacts; screened cable; Drag chain suitability
Application	sanitary and wet areas in the food industry
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...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]	1174.5
Dimensions	[mm]	26.5 x 15.5 x 36.5
Molded-body material		PVC
Material nut		stainless steel (1.4404 / 316L)
Sealing material		EPDM
Drag chain suitability		yes

EVT412



Female cordset

ADOAH050VAS0025L05

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	> 1 Mio.
	Torsional strain	± 180 °/m

Remarks

Pack quantity	1 pcs.
---------------	--------

Electrical connection

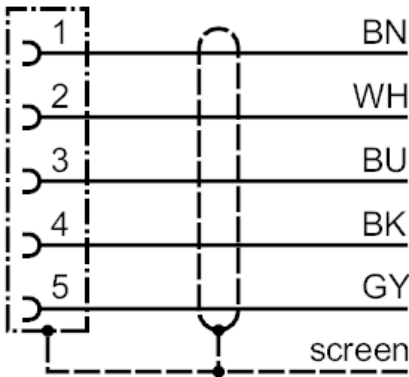
Cable: 25 m, PVC, orange, Ø 5.2 mm, screened; 5 x 0.25 mm² (32 x Ø 0.1 mm)

Electrical connection - Socket

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



Connection



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

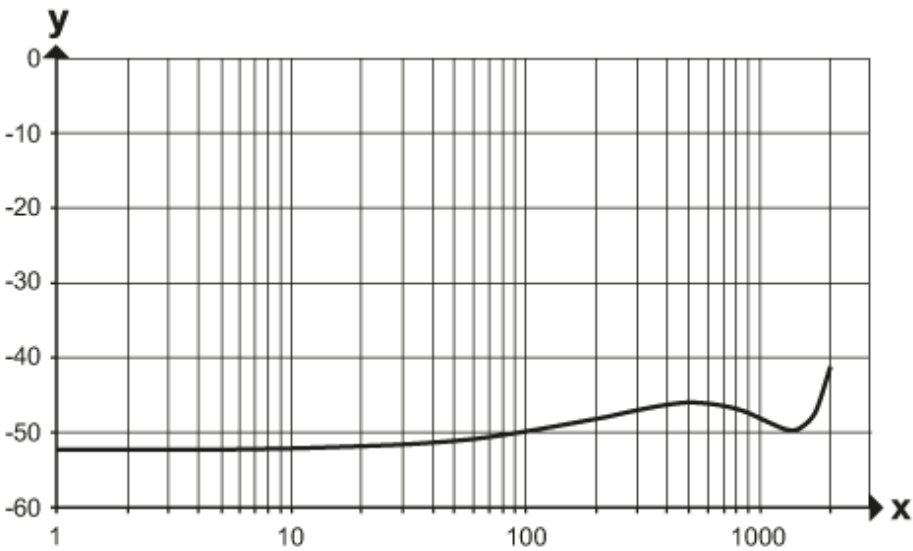


Female cordset

ADOAH050VAS0025L05

Diagrams and graphs

Shielding characteristics



x Frequency (MHz)
y Shielding characteristics (dB)
 according to DIN EN 60512-23-3