

# EVT401



## Connecting cable with socket

ADOAH040VAS0002L04



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 °C
Ambient temperature (moving) [°C]	5...100
Note on ambient temperature (moving)	cULus: ...50 °C
Protection	IP 65; IP 67; IP 68; IP 69K
Mechanical data	
Weight [g]	115
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 <sup>2</sup>
	bending cycles	> 1 Mio.
	torsional strain	± 180 °/m

### Remarks

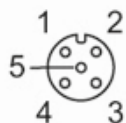
Pack quantity	1 pcs.
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### Electrical connection

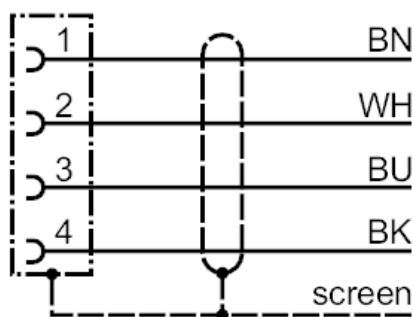
Cable: 2 m, PVC, orange, Ø 5.2 mm, shielded; 4 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

### 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

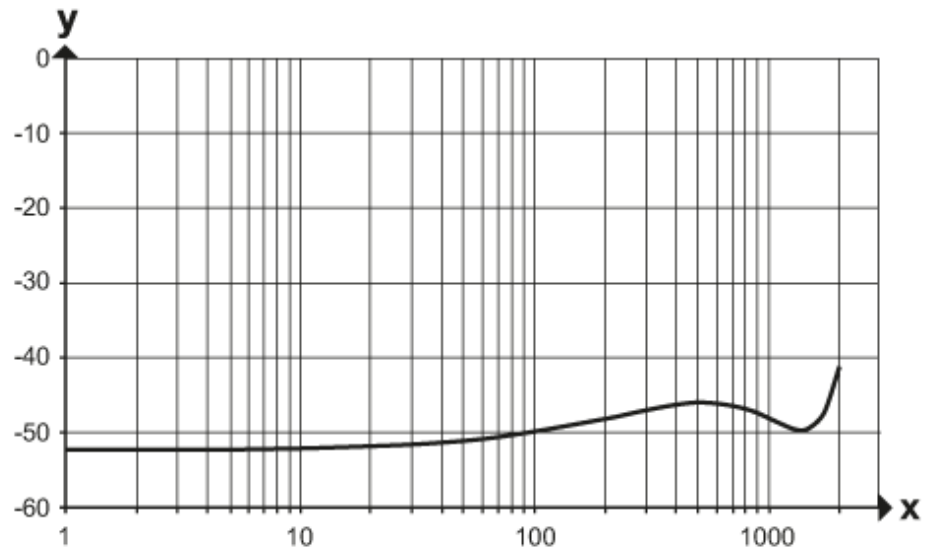


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### Diagrams and graphs

#### Shielding characteristics



x frequency (MHz)

y Shielding characteristics (dB)

according to DIN EN 60512-23-3