

EVF409



Female cordset

ADOAH050VAS0002R05



Application		
System		Free from silicone; Halogen-free; 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
Operating conditions		
Ambient temperature	[°C]	-25...100
Ambient temperature (moving)	[°C]	0...100
Storage temperature	[°C]	-25...55
Storage humidity	[%]	10...100
Other climatic conditions for storage according to stated class		1K22/ DIN 60721-3-1
Protection		IP 65; IP 67; IP 68; IP 69K
Mechanical data		
Weight	[g]	103.91
Dimensions	[mm]	31.5 x 15.5 x 38
Molded-body material		PP, Halogen-free
Material nut		stainless steel (1.4404 / 316L)

EVF409



Female cordset

ADOAH050VAS0002R05

Sealing material	EPDM	
Drag chain suitability	yes	
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

Remarks

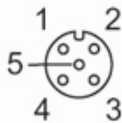
Pack quantity	1 pcs.
---------------	--------

Electrical connection

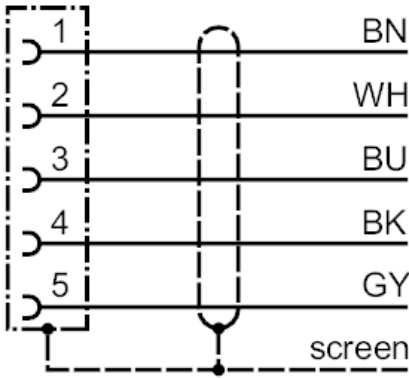
Cable: 2 m, MPPE, Halogen-free, grey, Ø 5.2 mm, screened; 5 x 0.25 mm² (32 x Ø 0.1 mm)

Electrical connection - Socket

Connector: 1 x M12, angled; coding: A; Moulded body: PP, Halogen-free; 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

EVF409

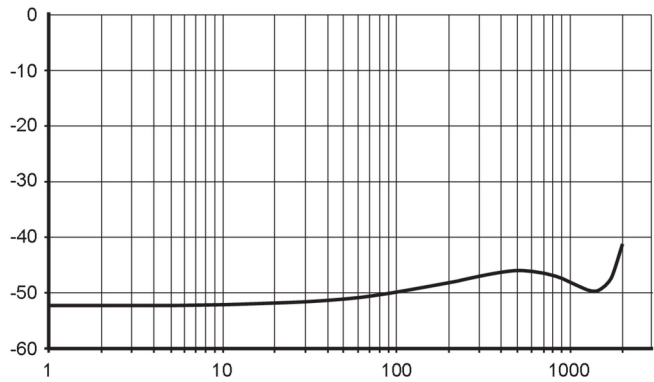


Female cordset

ADOAH050VAS0002R05

Diagrams and graphs

Shielding characteristics



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