

EVC546



Female cordset

ADOGH050MSS0010K05



Application

System	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
Ambient temperature (moving) [°C]	-25...90
Note on ambient temperature (moving)	cULus: ...75
Protection	IP 65; IP 67

Mechanical data

Weight [g]	403
Dimensions [mm]	15.5 x 15.5 x 45
Material	housing: TPU (urethane) orange; sealing: FKM
Material nut	brass, nickel-plated
Drag chain suitability	yes

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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	≥ 2 Mio.
	Torsional strain	± 180 °/m

Remarks

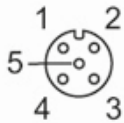
Pack quantity	1 pcs.
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Electrical connection

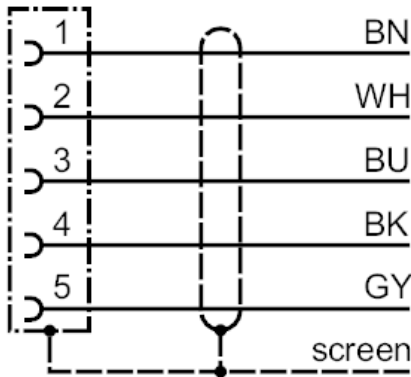
Cable: 10 m, PUR, Halogen-free, black, Ø 4.9 mm, screened; 5 x 0.25 mm² (32 x Ø 0.1 mm)

Electrical connection - Socket

Connector: 1 x M12, straight; coding: A; Locking: brass, nickel-plated; 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

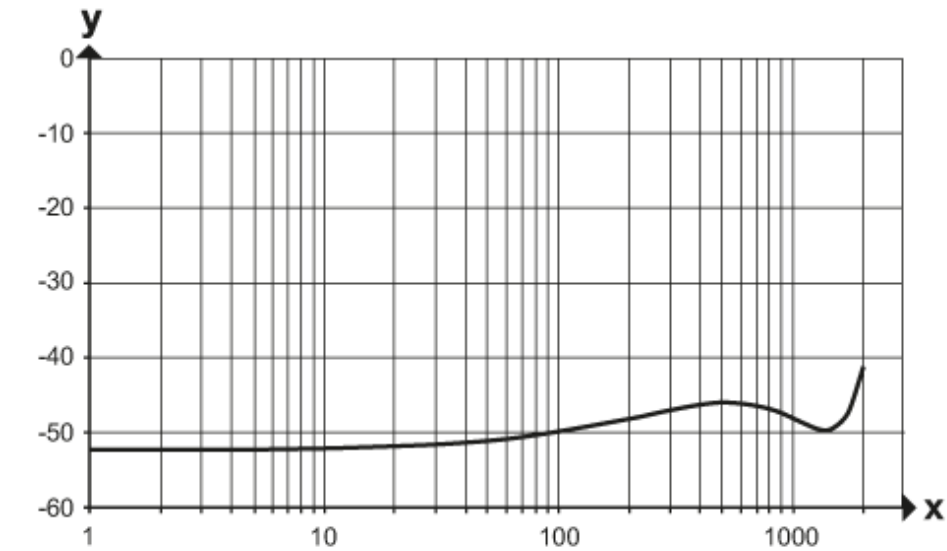


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Diagrams and graphs

Shielding characteristics



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