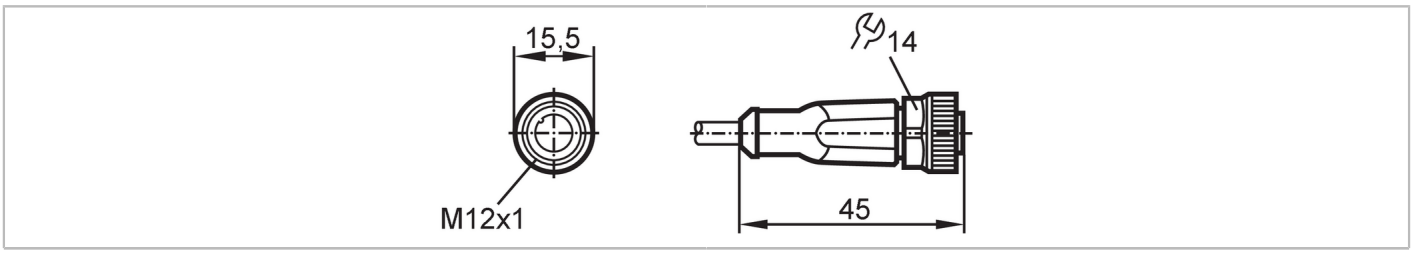
EVC545

Connecting cable with socket

ADOGH050MSS0005K05



Application			
Special feature			Free from silicone; Halogen-free; Gold-plated contacts; Screened cable; Drag chain suitability
Application			Industrial applications / factory automation; Use in machine tools, coolants and lubricants
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]		209.2
Dimensions	[mm]		15.5 x 15.5 x 45
Moulded-body material			TPU
Material nut			brass, nickel-plated
Sealing material			FKM
Drag chain suitability			yes
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/s²
		bending cycles	≥ 2 Mio.
		torsional strain	± 180 °/m
Remarks			
Pack quantity			1 pcs.

EVC545

Connecting cable with socket

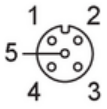
ADOGH050MSS0005K05

Electrical connection

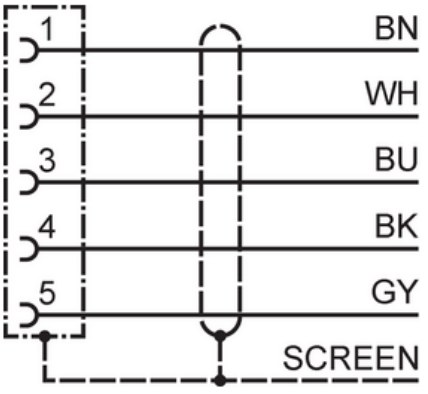
Cable: 5 m, PUR, Halogen-free, black, Ø 4.9 mm, shielded; 5 x 0.25 mm² (32 x Ø 0.1 mm)

Electrical connection - socket

Connector: 1 x M12, straight; coding: A; Contacts: 5, gold-plated; Moulded body: TPU, orange; Locking: brass, nickel-plated; Sealing: FKM; Tightening torque: 0.6...1.5 Nm; Shielded connection cable: screen connected



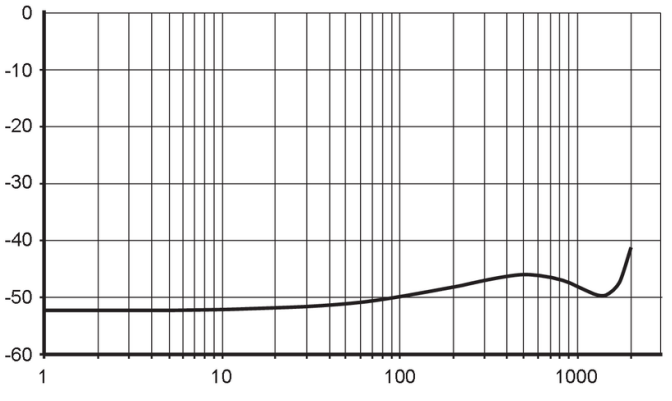
Connection



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

Diagrams and graphs

Shielding characteristics



x frequency (MHz)

y Shielding characteristics (dB)

according to DIN EN 60512-23-3