

EVC683



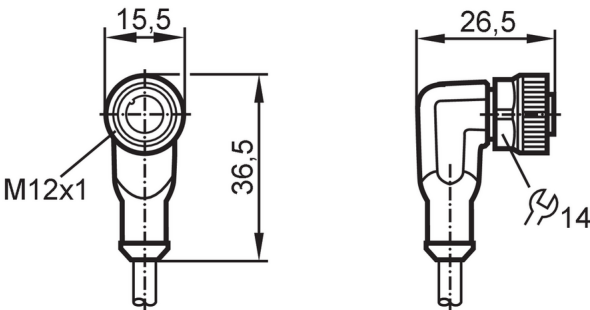
Female cordset

ADOAH050MSA0010H05

Alternative articles: EVC961

When selecting an alternative article and accessories please note that technical data may differ!

Please see the technical note under "Downloads"



Application		
Special feature	Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability	
Application	CAN bus; for mobile applications	
Free from silicone	yes	
Electrical data		
Operating voltage	[V]	32 DC; (wires 4+5: 5 V)
Protection class		II
Max. current load total	[A]	4; (wires 4+5: 0,05)
Operating conditions		
Ambient temperature	[°C]	-25...90
Ambient temperature (moving)	[°C]	-25...90
Protection		IP 65; IP 67; IP 68; IP 69K
Mechanical data		
Weight	[g]	360.3
Dimensions	[mm]	26.5 x 15.5 x 36.5
Molded-body material		TPU (urethane)
Material nut		brass, nickel-plated
Sealing material		FKM
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	> 5 Mio.
	Torsional strain	± 180 °/m
Remarks		
Remarks	The CAN bus terminating resistor (120 Ω) is integrated in the M12 connector.	
Notes	Please see the technical note under "Downloads"	
Pack quantity	1 pcs.	

EVC683



Female cordset

ADOAH050MSA0010H05

Electrical connection

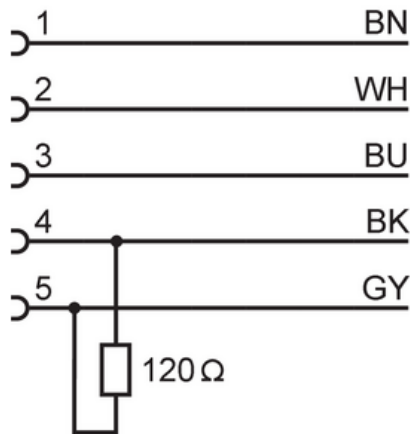
Cable: 10 m, PUR, Halogen-free, black, Ø 4.9 mm; with wire end ferrules; 5 x 0.34 mm² (42 x Ø 0.1 mm)

Electrical connection - Socket

Connector: 1 x M12, angled; coding: A; Contacts: 5, gold-plated; Moulded body: TPU (urethane), black; Locking: brass, nickel-plated; sealing: FKM; Tightening torque: 0.6...1.5 Nm



Connection



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