

EVC768



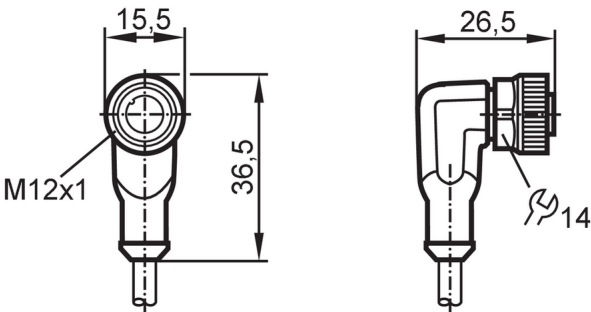
Female cordset

ADOAH050MSA0005H05

Alternative articles: EVC960

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]	252.2
Dimensions	[mm]	26.5 x 15.5 x 36.5
Material	housing: TPU (urethane) black; sealing: FKM	
Material nut	brass, nickel-plated	
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.	

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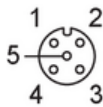
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Electrical connection

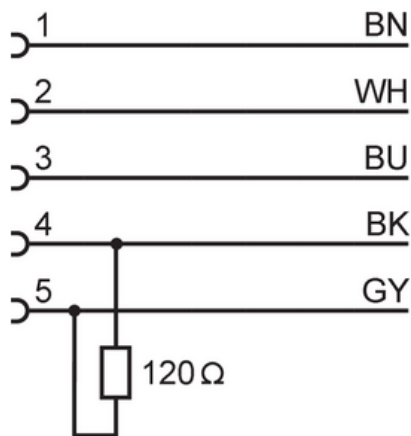
Cable: 5 m, PUR, Halogen-free, black, Ø 4.9 mm; with wire end ferrules; 5 x 0.5 mm² (42 x Ø 0.1 mm)

Electrical connection - Socket

Connector: 1 x M12, angled; coding: A; Contacts: 5, gold-plated; Locking: brass, nickel-plated; Tightening torque: 0.6...1.5 Nm



Connection



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