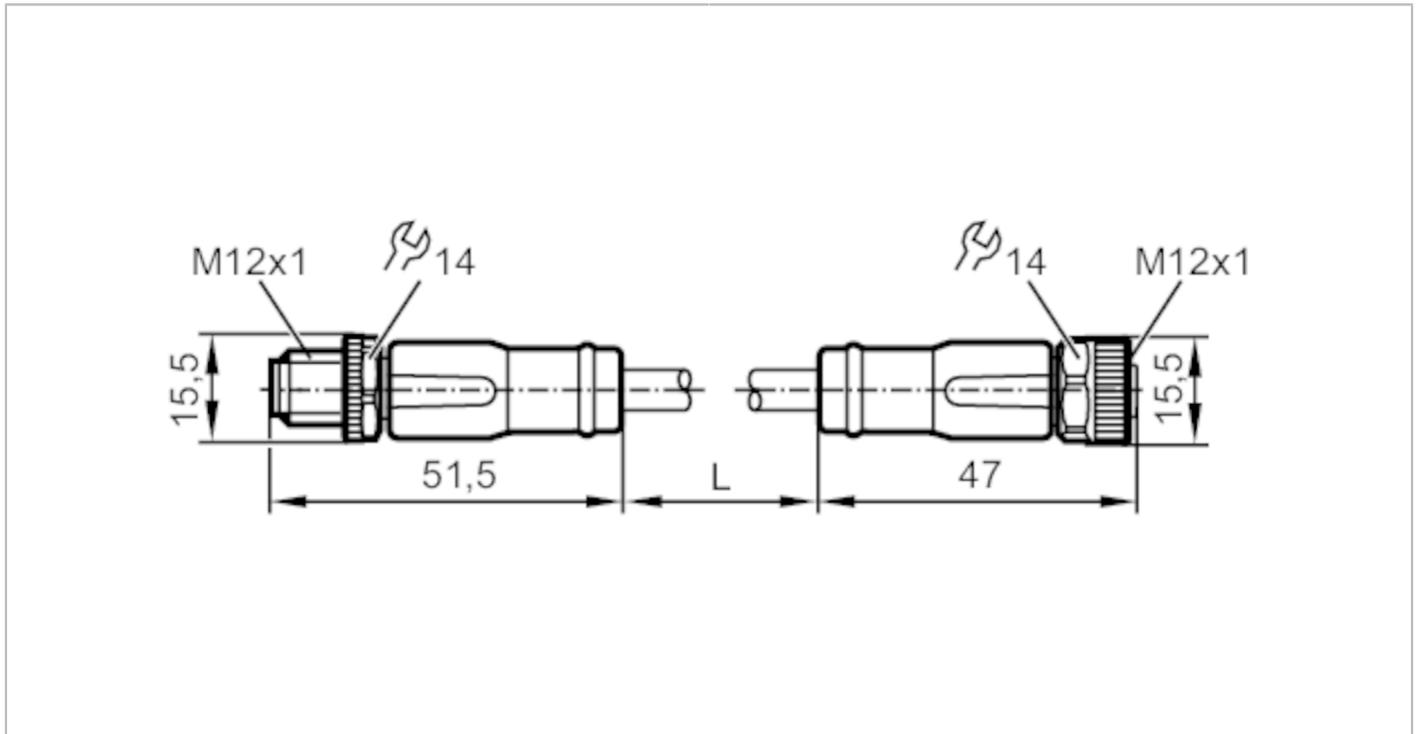


EVCA08



Connection cable

VDOGH050MSE00,2C05STGH050MSS



Application		
System	Halogen-free; gold-plated contacts; screened cable; Drag chain suitability	
Application	CAN bus	
Electrical data		
Operating voltage [V]	32 DC; (wires 4+5: 5 V)	
Max. current load total [A]	4; (wires 4+5: 0,05 A)	
Operating conditions		
Ambient temperature [°C]	-25...80	
Protection	IP 67; IP 68; IP 69K	
Mechanical data		
Weight [g]	59.7	
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/s ²
	Bending cycles	> 5 Mio.
	Torsional strain	± 180 °/m
Remarks		
Remarks	The CAN bus terminating resistor (120 Ω) is integrated in the M12 connector.	
Pack quantity	1 pcs.	

EVCA08

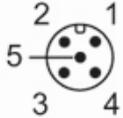


Connection cable

VDOGH050MSE00,2C05STGH050MSS

Electrical connection - plug

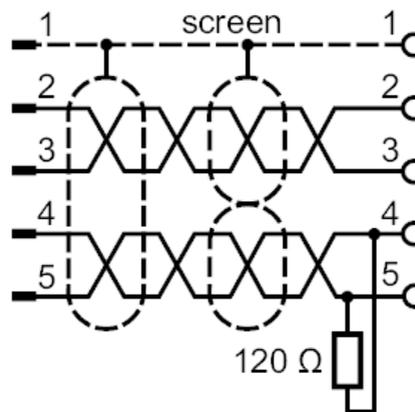
Connector: 1 x M12, straight; coding: A; Moulded body: TPU (urethane), black; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



Electrical connection

Cable: 0.2 m, PUR, Halogen-free, lilac, \varnothing 8.4 mm, screened; RD / BK: $2 \times 0.75 \text{ mm}^2$ ($42 \times \varnothing 0.15 \text{ mm}$) + WH / BU: $2 \times 0.5 \text{ mm}^2$ ($19 \times \varnothing 0.19 \text{ mm}$) + screen: $1 \times 0.75 \text{ mm}^2$ ($42 \times \varnothing 0.15 \text{ mm}$)

Connection



Electrical connection - Socket

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

