

Connection cable

VDOGH050MSD0001C05STGH050MSS



Application		
System	Halogen-free; gold-plated contacts; screened cable; Drag chain suitability	
Application	CAN bus	
Electrical data		
Operating voltage	[V]	< 30 AC / < 36 DC
Max. current load total	[A]	4
Operating conditions		
Ambient temperature	[°C]	-25...80
Storage temperature	[°C]	-25...55
Storage humidity	[%]	10...100
Other climatic conditions for storage according to stated class	1K22/ DIN 60721-3-1	
Protection	IP 67; IP 68; IP 69K	
Mechanical data		
Weight	[g]	138.4
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



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Remarks

Pack quantity	1 pcs.
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Electrical connection - plug

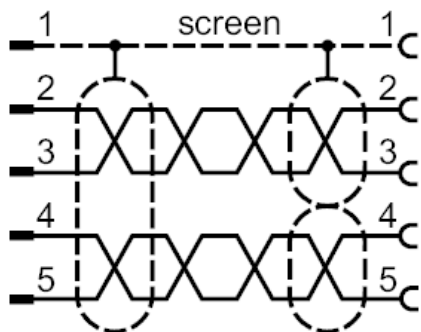
Connector: 1 x M12, straight; coding: A; Moulded body: TPU (urethane), black; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



Electrical connection

Cable: 1 m, PUR, Halogen-free, lilac, Ø 8.4 mm, screened; RD / BK: 2 x 0.75 mm² (42 x Ø 0.15 mm) + WH / BU: 2 x 0.5 mm² (19 x Ø 0.19 mm) + screen: 1 x 0.75 mm² (42 x Ø 0.15 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

