



Connection cable

VDOAH043MSS0001H04STGH040MSS

Please see the technical note under "Downloads"



Application

Special feature	Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability
Free from silicone	yes

Electrical data

Operating voltage [V]	10...36 DC
Protection class	II
Max. current load total [A]	4

Outputs

Electrical design	PNP
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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; IP 68; IP 69K

Tests / approvals

MTTF [years]	20027
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Mechanical data

Weight [g]	62.9
Dimensions [mm]	15.5 x 15.5 x 49.5



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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/s ²
	bending cycles	> 5 Mio.
	torsional strain	± 180 °/m

Displays / operating elements

Display	switching status	2 x LED, yellow
	operation	1 x LED, green

Remarks

Notes	Please see the technical note under "Downloads"	
Pack quantity	1 pcs.	

Electrical connection - plug

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



Electrical connection

Cable: 1 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm² (42 x Ø 0.1 mm)

Connection





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Electrical connection - socket

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

