

VDOAH050MSS0002H05STGH050MSS



ifm efector, inc. • 1100 Atwater Drive • Malvern • PA 19355 — We reserve the right to make technical alterations without prior notice. — EN-US — EVCB03-00 — 20.02.2024 — 

EVCB03



Connection cable

VDOAH050MSS0002H05STGH050MSS

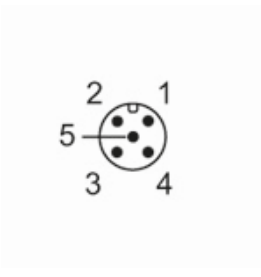
Drag chain suitability	Bending radius for flexible applications	min. 10 x cable diameter
	Travel speed	max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s²
	Bending cycles	> 5 Mio.
	Torsional strain	± 180 °/m

Remarks

Pack quantity	1 pcs.
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Electrical connection - plug

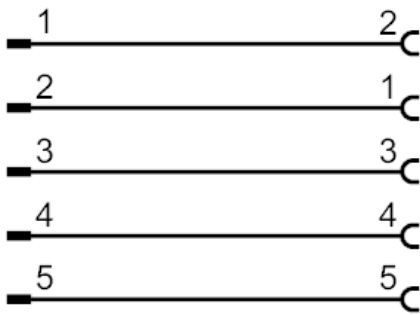
Connector: 1 x M12, straight; coding: A; Moulded body: TPU (urethane), orange; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



Electrical connection

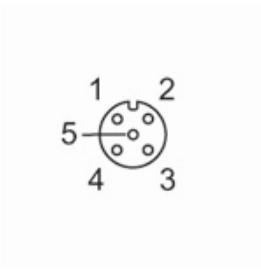
Cable: 2 m, PUR, Halogen-free, black, Ø 4.6 mm; 5 x 0.34 mm² (42 x Ø 0.1 mm)

Connection



Electrical connection - Socket

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



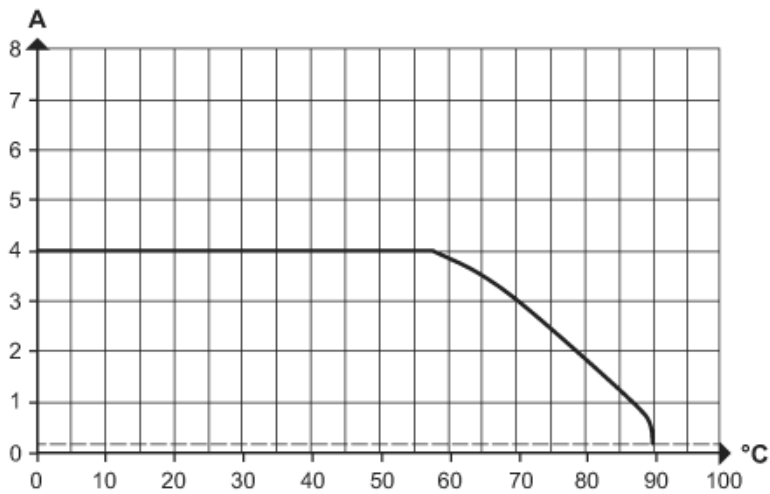
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Diagrams and graphs



Derating $I_{max} \cdot 0.8$ DIN EN 60512-5-2

X Ambient temperature [°C]

Y Current [A]