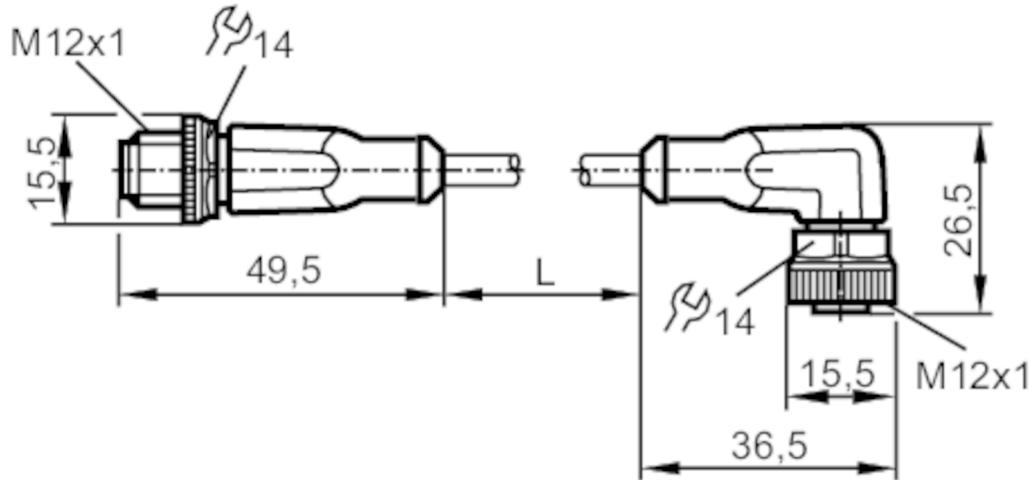


Connection cable

VDOAH40MSS0003H04STGH040MSS

Please see the technical note under "Downloads"



CE UK CA

Application

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

Electrical data

Operating voltage [V]	< 250 AC / < 300 DC
Protection class	II
Max. current load total [A]	4

Operating conditions

Ambient temperature [°C]	-25...90
Ambient temperature [°C] (moving)	-25...90
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 65; IP 67; IP 68; IP 69K

Mechanical data

Weight [g]	117.5
Moulded-body material	TPU
Material nut	brass, nickel-plated
Sealing material	FKM

EVC512



Connection cable

VDOAH40MSS0003H04STGH040MSS

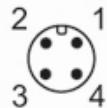
Drag chain suitability	yes
Drag chain suitability	bending radius for flexible use travel speed
	min. 10 x cable diameter max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s ²
	bending cycles torsional strain
	> 5 Mio. ± 180 °/m

Remarks

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

Electrical connection - plug

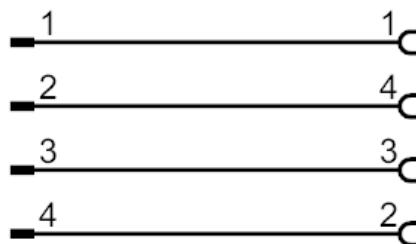
Connector: 1 x M12, straight; coding: A; Moulded body: TPU, orange; Locking: brass, nickel-plated; Contacts: gold-plated;
Tightening torque: 0.6...1.5 Nm



Electrical connection

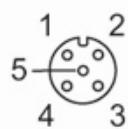
Cable: 3 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm² (42 x Ø 0.1 mm²)

Connection



Electrical connection - socket

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

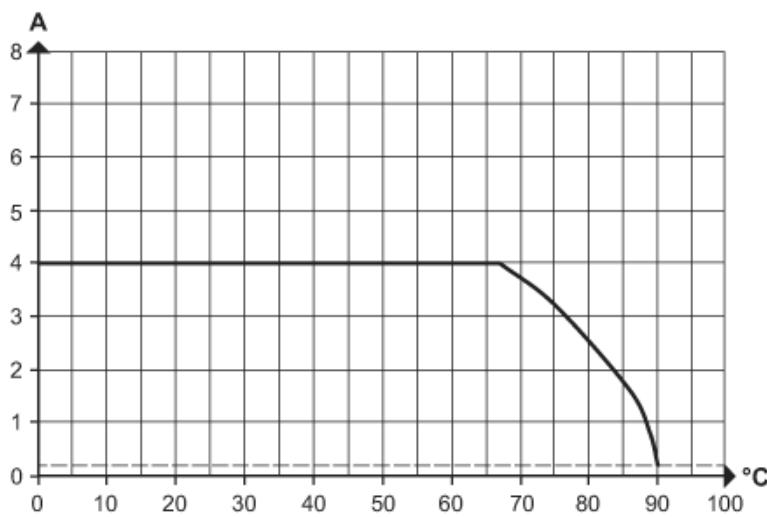


Connection cable

VDOAH40MSS0003H04STGH040MSS

Diagrams and graphs

characteristic line for derating

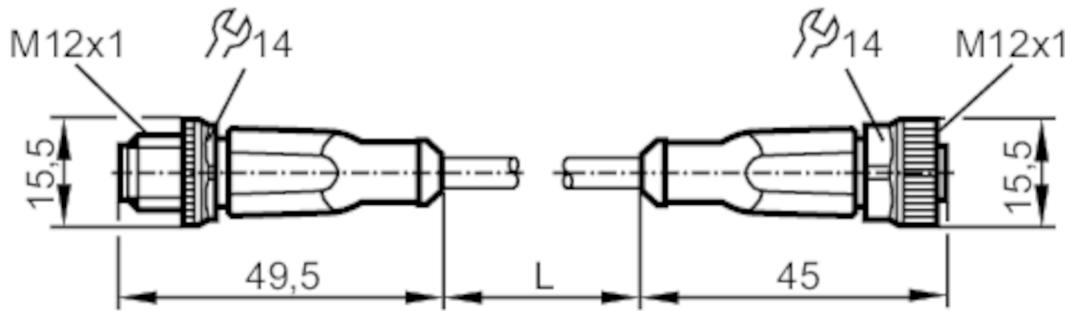


Derating $I_{max} * 0.8$ (DIN EN 60512-5-2)

- X Ambient temperature [°C]
- Y Current [A]

Connection cable

VDOGH040MSS0,15H04STGH040MSS



Application

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

Electrical data

Operating voltage	[V]	32 DC
Protection class		II
Max. current load total	[A]	4

Operating conditions

Ambient temperature	[°C]	-25...90
Ambient temperature	[°C]	-25...90
(moving)		
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 65; IP 67; IP 68; IP 69K

Mechanical data

Weight	[g]	41.25
Materials		housing: TPU orange; Sealing: FKM
Material nut		brass, nickel-plated
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

EVCB32



Connection cable

VDOGH040MSS0,15H04STGH040MSS

Remarks

Pack quantity	1 pcs.
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Electrical connection - plug

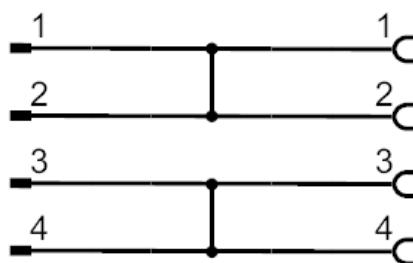
Connector: 1 x M12, straight; coding: A; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



Electrical connection

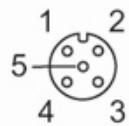
Cable: 0.15 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm² (42 x Ø 0.1 mm)

Connection



Electrical connection - socket

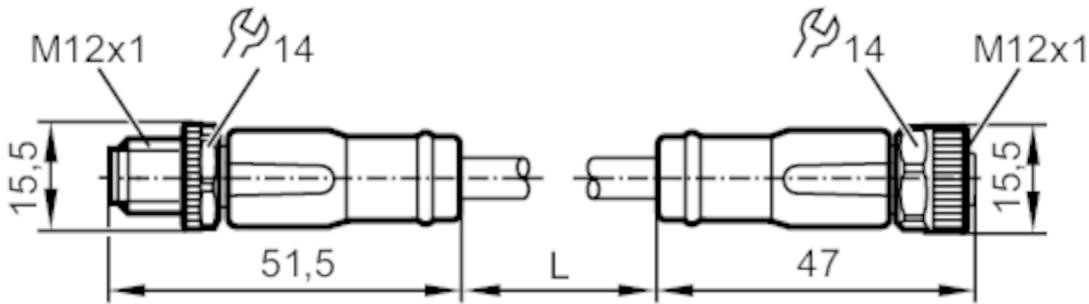
Connector: 1 x M12, straight; coding: A; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



EVCB54

Connection cable

VDOGH040MSS0005M04STGH040MSS



CE UK
CA

Application

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

Operating voltage	[V]	< 50 AC / < 60 DC
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Protection class	III
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Max. current load total	[A]	4
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Operating conditions

Ambient temperature	[°C]	-25...90
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Ambient temperature	[°C]	-25...90
---------------------	------	----------

Storage temperature	[°C]	-25...55
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Storage humidity	[%]	10...100
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Other climatic conditions for storage according to stated class	1K22/ DIN 60721-3-1
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Protection	IP 65; IP 67
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Mechanical data

Weight	[g]	232.2
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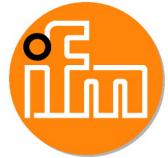
Moulded-body material	TPU
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Material nut	brass, nickel-plated
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Sealing material	FKM
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Drag chain suitability	yes
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EVCB54



Connection cable

VDOGH040MSS0005M04STGH040MSS

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	> 2 Mio.
	torsional strain	± 180 °/m

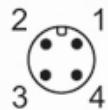
Remarks

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;

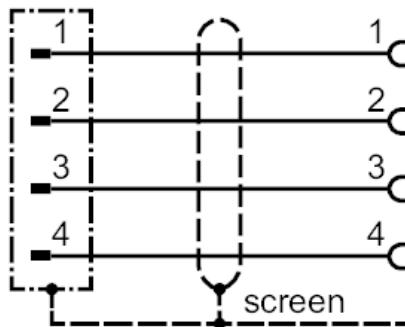
Tightening torque: 0.6...1.5 Nm; Shielded connection cable: screen connected



Electrical connection

Cable: 5 m, PUR, Halogen-free, black, Ø 4.9 mm, shielded; 4 x 0.34 mm² (42 x Ø 0.1 mm)

Connection



Electrical connection - socket

Connector: 1 x M12, straight; coding: A; Moulded body: TPU, orange; Locking: brass, nickel-plated; Sealing: FKM; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm; Shielded connection cable: screen not connected

