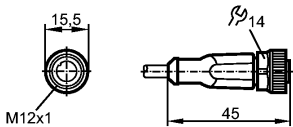


EVC544

ADOGH050MSS0002K05

Connection technology



Product characteristics

Socket

For sensors with

M12 connector

Free from silicone

Free from halogen

Gold-plated contacts

Electrical data

Electrical design

AC/DC

Operating voltage

[V]

30 AC / 36 DC

Current rating

[A]

4; cULus: 3 A

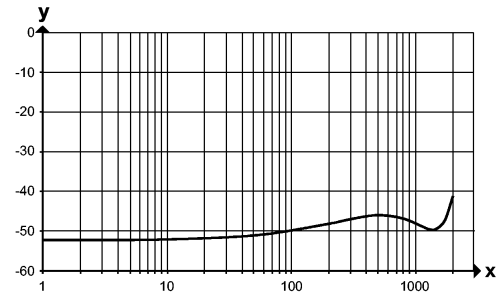
Protection class

III

Shielding characteristics

x: Frequency in [MHz]

y: Shielding characteristics in [dB]



measured to DIN EN 60512-23-3

Environment

Ambient temperature

[°C]

-25...90, cULus: max. 75 °C

Ambient temperature (moving)

[°C]

-25...90, cULus: max. 75 °C

Protection

IP 65 / IP 67

Mechanical data

Design

straight

Material body

housing: TPU orange; sealing: Viton

Material nut

Brass; nickel-plated

Tightening torque for knurled nut [Nm]

0.6...1.5

Drag chain suitability

Bending radius for flexible applications:

min. 10 x cable diameter
max. 3.3 m/s for a horizontal travel
length of 5 m and max. acceleration

Travel speed:

of 5 m/s²

Bending cycles:

≥ 2 million

EVC544

ADOGH050MSS0002K05

Connection technology

		Torsional strain:	$\pm 180^\circ/\text{m}$
Weight	[kg]		0.098

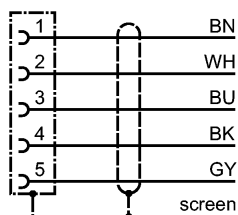
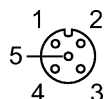
Electrical connection

Connection	PUR cable / 2 m; 5 x 0.25 mm ² (32 x Ø 0.1 mm); Ø 4.9 mm; halogen-free, screened, screen connected to the socket
Sheath colour	black

Wiring

Core colours

BK black
BN brown
BU blue
GY grey
WH white



Remarks

Pack quantity	[piece]	1
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