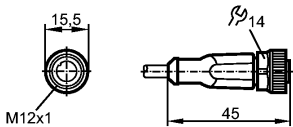


EVC545

ADOGH050MSS0005K05

Connection technology



Product characteristics

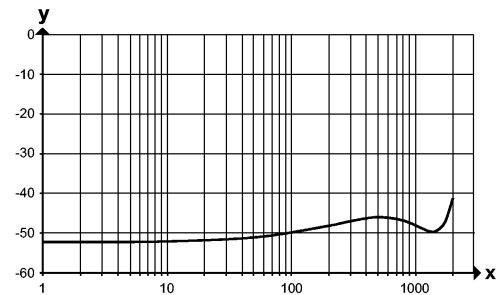
Socket	
For sensors with	
M12 connector	
Free from silicone	
Free from halogen	
Gold-plated contacts	

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 of 5 m/s² Travel speed: 5 m/s² Bending cycles: ≥ 2 million

EVC545

ADOGH050MSS0005K05

Connection technology

		Torsional strain:	$\pm 180^\circ/\text{m}$
Weight	[kg]		0.211

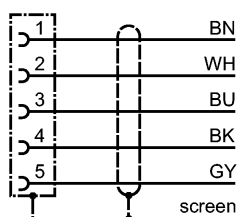
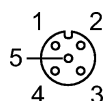
Electrical connection

Connection	PUR cable / 5 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
---------------	---------	---