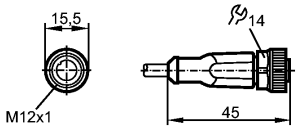
ecomat 400

EVC546

ADOGH050MSS0010K05

Connection technology



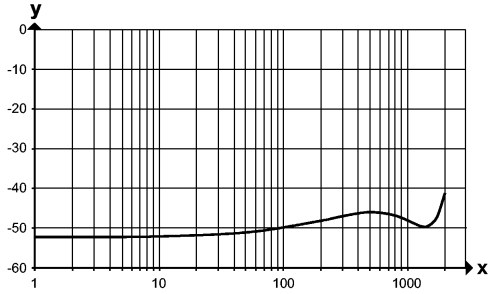
Product characteristics

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 Travel speed: max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s² Bending cycles: ≥ 2 million

	Torsional strain:	± 180 °/m
Weight	[kg]	0.4

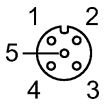
Electrical connection

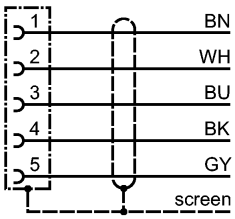
Connection	PUR cable / 10 m; 5 x 0.25 mm² (32 x Ø 0.1 mm); Ø 4.9 mm; halogen-free, screened, screen connected to the socket
Sheath colour	black

Wiring

Core colours

BK	black
BN	brown
BU	blue
GY	grey
WH	white





Remarks

Pack quantity	[piece]	1