

## ITEM 120146 EGM12-6000C2406

Description	Technical data	Accessories	Downloads
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### Features

- › Diaphragm made of silicone
- › With snap-action switching element
- › Plunger material stainless steel
- › Any installation position

### Switching element

Snap-action switching contact, 1 changeover contact

⚠ Single hole fixing limit switches must not be used as an end stop.

### Approvals



### Mechanical values and environment

Design

Thread M12 x 1

Housing material	Stainless steel
Ambient temperature	
Cable static	-20 ... 80 °C
Degree of protection	IP65
Mechanical life	1 x 10 <sup>6</sup>
Contact material	Silver alloy, gold-plated
Switching principle	Snap-action switching contact
Repeat accuracy (absolute)	±0,01 mm <b>[1]</b>
Installation position	Any
Number of NC contacts	1 <b>[2]</b>
Number of NO contacts	1 <b>[3]</b>
Connection	PUR cable <b>[4]</b>
Cable length	6 m
Approach speed	0,01 ... 8 m/min
Actuating element	Flat plunger <b>[5]</b>
Actuating force	
Approx.	16 N

### Electrical connection ratings

Utilization category according to EN 60947-5-1	
AC-15	0.5A 230V
DC-13	0.6A 24V
Short circuit protection according to IEC 60269-1	2A gG
Rated insulation voltage U <sub>i</sub>	250 V
Rated impulse withstand voltage U <sub>imp</sub>	2,5 kV
Switching voltage	
min.	12 V
Switching current	
Min. at 24V	10 mA
Connection cross-section	0,5 mm <sup>2</sup>

### Miscellaneous

C number	
C2406	With silicone diaphragm

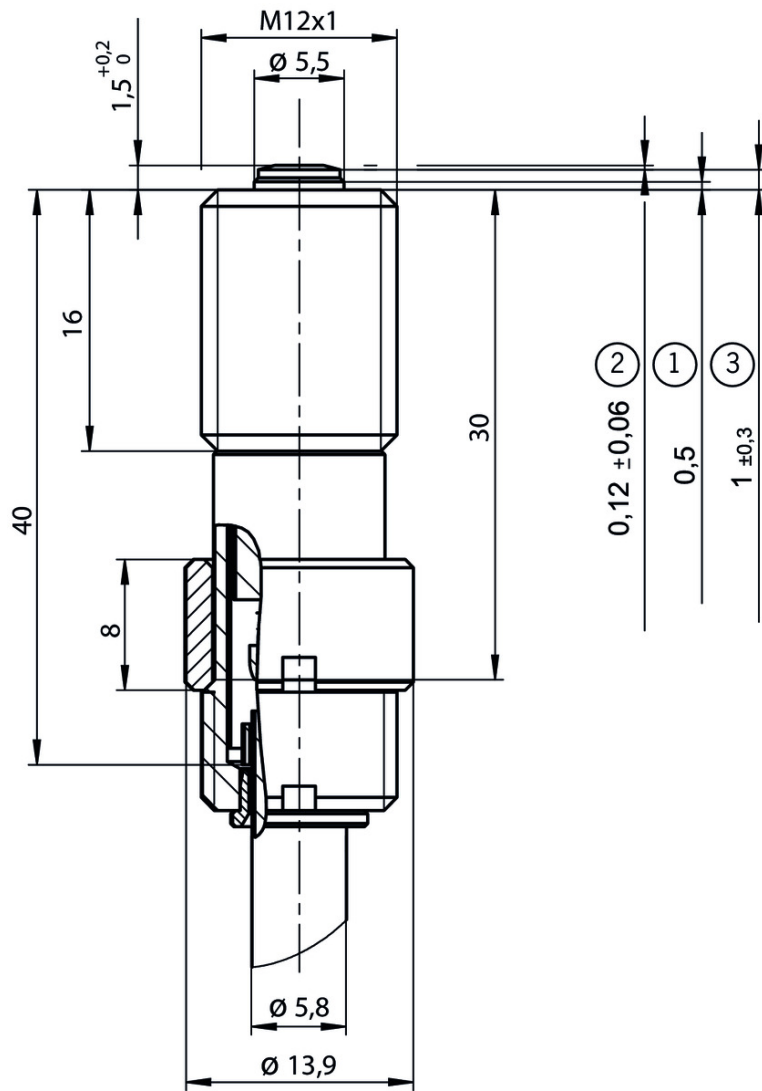
**[1]** On axial actuation in the retracted state after approx. 2000 operating cycles

**[2, 3]** Changeover contact

**[4]** Three-core

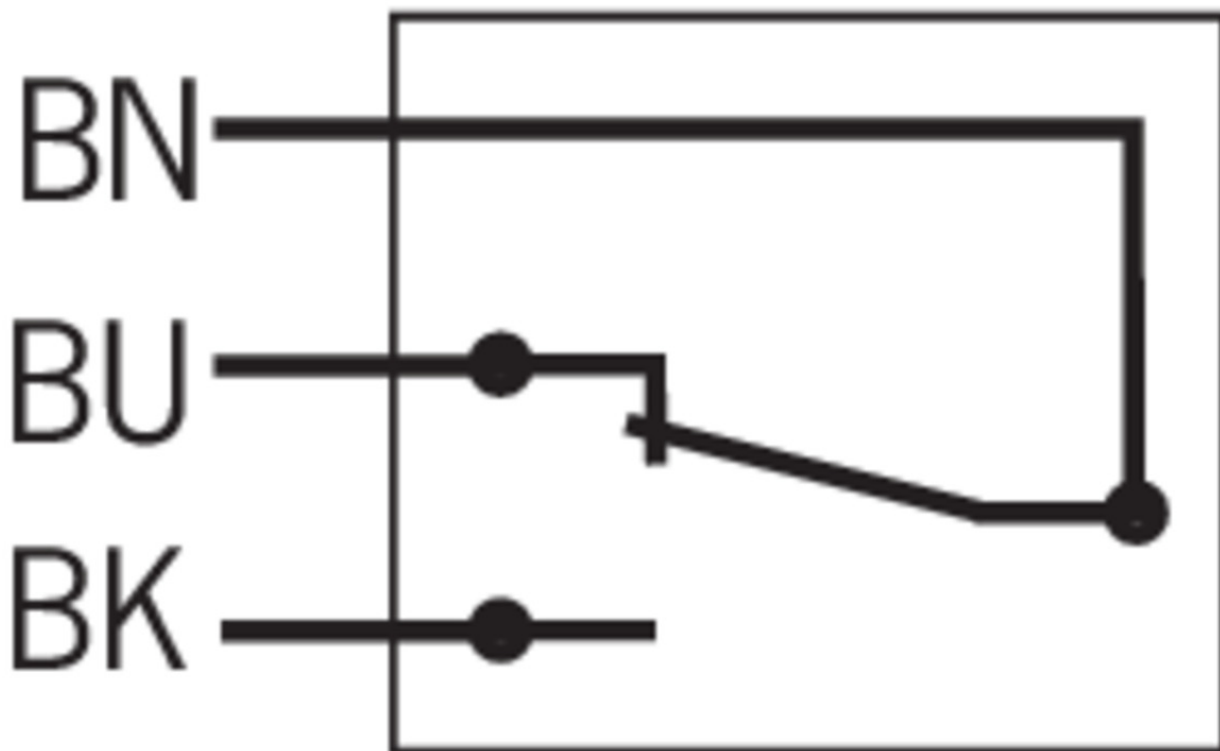
**[5]** Short

## Dimension drawing



## Legende

- 1 End position
- 2 Differential travel
- 3 Operating point



### Declaration of conformity

EU prohlášení o shodě

	Doc. no.	Version	Language	Download
EU-Konformitätserklärung Declaración UE de conformidad Déclaration UE de conformité Dichiarazione di conformità EU declaration of conformity	2077153	25-02/17		0.3 MB
EU prohlášení o shodě EU-overensstemmelseserklæring Δήλωση συμμόρφωσης της ΕΕ EU-vaatimustenmukaisuusvakuutus EU-típusbizonyítvány EU-conformiteitsverklaring Deklaracja zgodności UE Declaração de Conformidade UE Declarația de conformitate UE EÚ vyhlásenie o zhode	2077153	25-02/17		0.5 MB