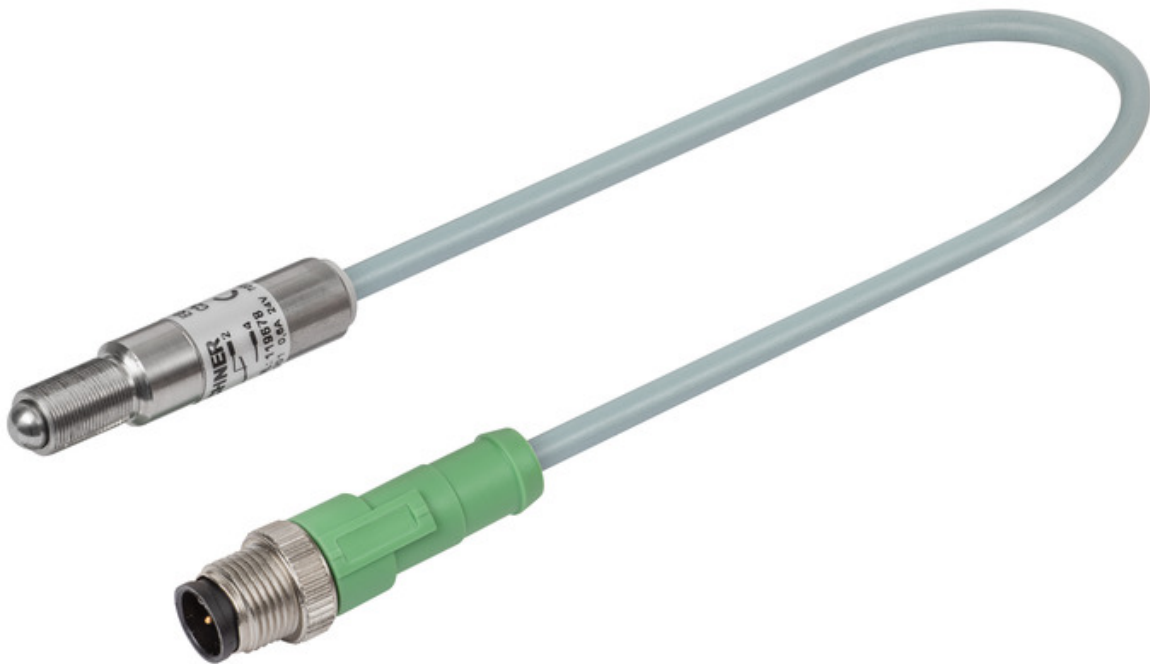


ITEM 119678 EGM8-1000C2403

Description	Technical data	Accessories	Downloads
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Features

- › Precise and small
- › Round design with thread M8x0.5
- › Housing and plunger made of stainless steel
- › With snap-action switching element
- › 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 M8 x 0.5
Housing material	Stainless steel
Ambient temperature	-30 ... 85 °C
Degree of protection	IP65
Mechanical life	
axial	1×10^6
on side	$0,003 \times 10^6$ [1]
Contact material	Silver alloy, gold-plated
Switching principle	Snap-action switching contact
Repeat accuracy (absolute)	$\pm 0,01$ mm [2]
Installation position	Any
Number of NC contacts	1 [3]
Number of NO contacts	1 [4]
Connection	Plug connector M12 with 1,000 mm cable [5]
Cable length	1 m
Approach speed	0,01 ... 8 m/min
Actuating element	Domed plunger [6]
Actuating force	
Approx.	16 N

Electrical connection ratings

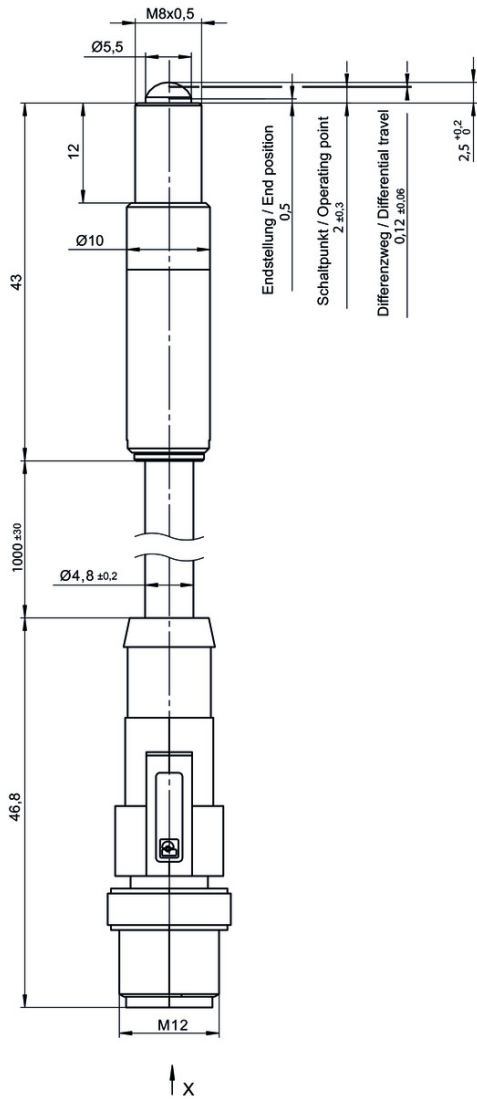
Utilization category according to EN 60947-5-1	
AC-15	0.5A 230V
DC-13	0.6A 24V
Short circuit protection according to IEC 60269-1	2A gG
Rated insulation voltage U_i	250 V
Rated impulse withstand voltage U_{imp}	2,5 kV
Switching voltage	
min.	12 V
Switching current	
Min. at 24V	10 mA

Miscellaneous

C number	
C2403	Domed plunger

- [1] With trip dog U1216-10, unlubricated
- [2] On axial actuation in the retracted state after approx. 2,000 operating cycles, between two consecutive operating cycles.
- [3, 4] Changeover contact
- [5] 4-pin
- [6] Short

Dimension drawing



X
Ansicht Steckseite
View plug connection side

