

ITEM 093365 EGT1M12SEM4

Description	Technical data	Accessories	Downloads
-------------	----------------	-------------	-----------



Features

- › 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	Sleeve	Brass, nickel-plated
	Threaded section	Brass, nickel-plated
Ambient temperature		-25 ... 80 °C
Degree of protection		IP67 [1]
Mechanical life		1 x 10 ⁶
Contact material		Silver alloy, gold-plated
Switching principle		Snap-action switching contact
Repeat accuracy (absolute)		±0,01 mm [2]
Installation position		Any
Number of NC contacts		1 [3]
Number of NO contacts		1 [4]
Connection		Plug connector M12 [5]
Approach speed		0,01 ... 8 m/min
Actuating element		Ball plunger [6]
Actuating force	Approx.	20 N

Electrical connection ratings

Utilization category according to EN 60947-5-1	AC-15	0.5A 50V
	DC-13	0.6A 24V
Short circuit protection according to IEC 60269-1		2A gG
Rated insulation voltage U _i		50 V
Rated impulse withstand voltage U _{imp}		2,5 kV
Switching voltage	min.	12 V
Switching current	Min. at 24V	10 mA

[1] Mating connector inserted and screwed tight.

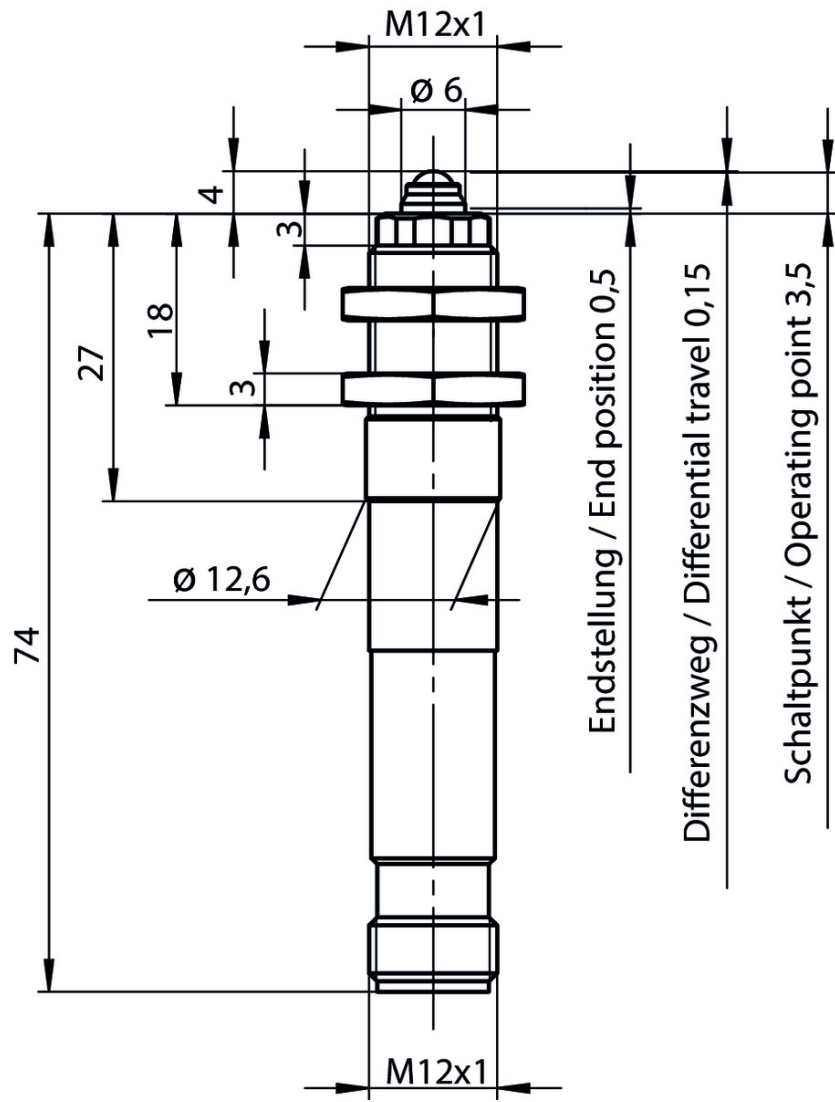
[2] On axial actuation in the retracted state after approx. 2000 operating cycles

[3, 4] Changeover contact

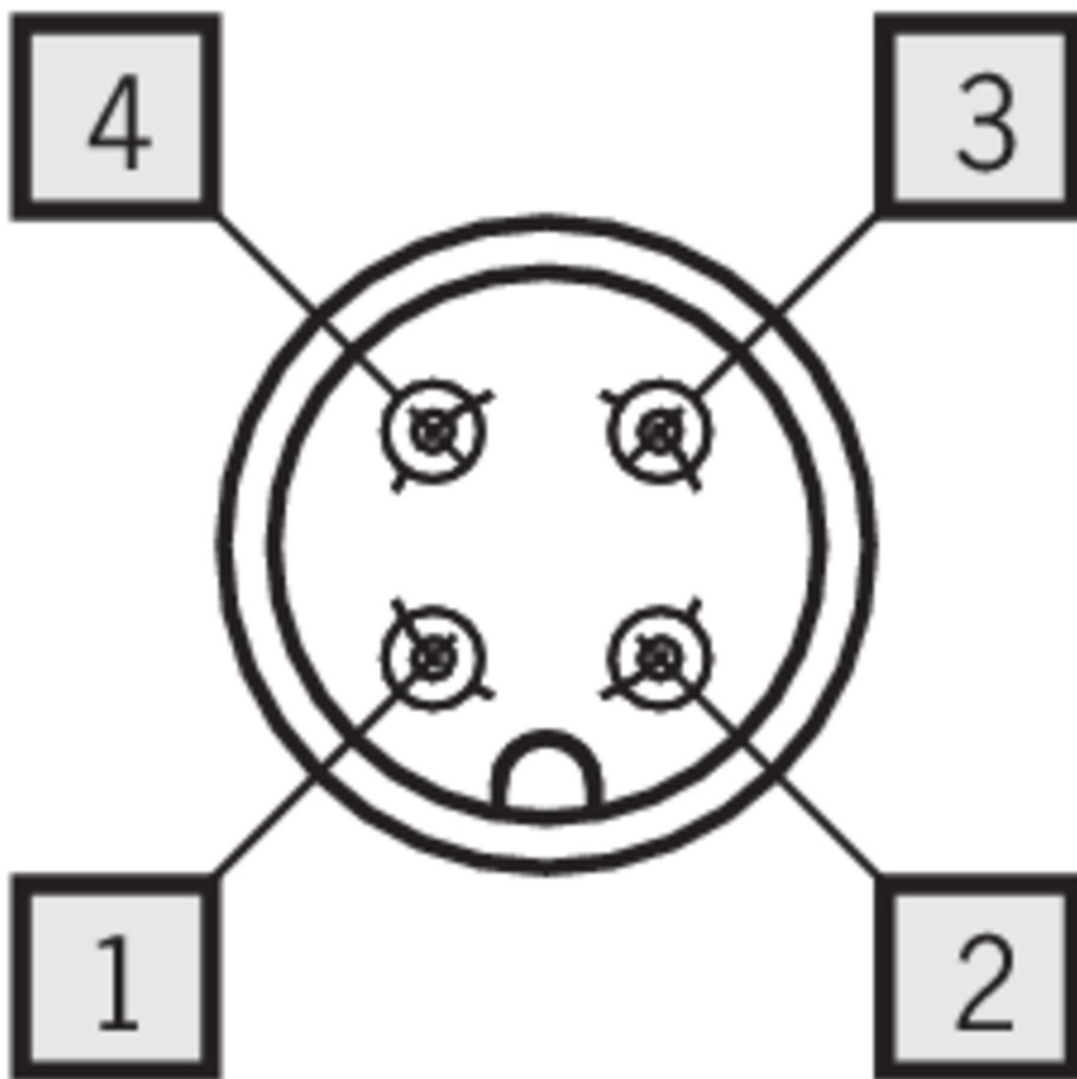
[5] 4-pin

[6] Short

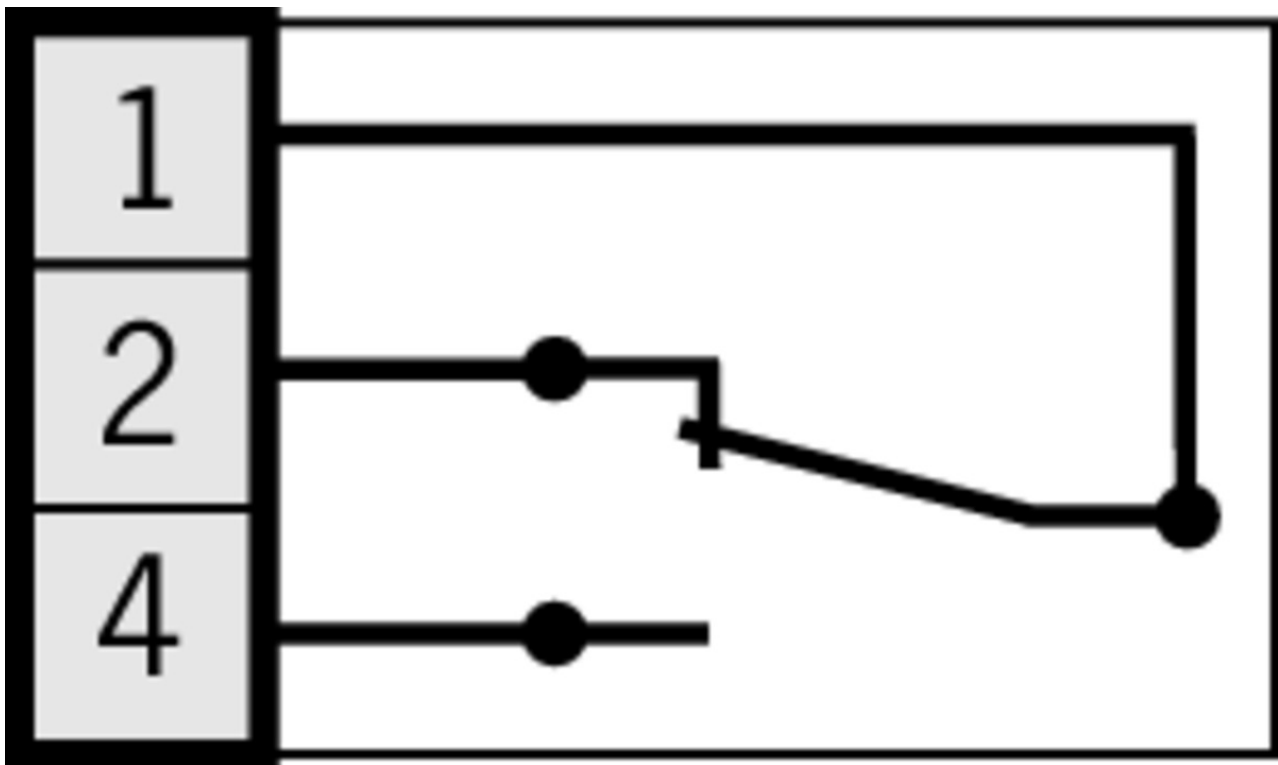
Dimension drawing



Wiring diagram









Wiring diagram



Catalogs

- ✓ Positionsschalter und Reihengrenztaster Position Switches and Multiple Limit Switches
Interrupteurs de position et boîtiers multipistes

	Doc. no.	Version	Language	Download
Positionsschalter und Reihengrenztaster	157835	01-03/18		 4.1 MB
Interrupteurs de position et boîtiers multipistes	157837	01-03/18		 4.1 MB
Position Switches and Multiple Limit Switches	157836	01-03/18		 4.1 MB