



Design	Thread M12 x 1
Housing material	
Sleeve	Plastic
Threaded section	Stainless steel
Ambient temperature	
Cable static	-25 ... 80 °C
Degree of protection	IP68
Mechanical life	30 x 10 <sup>6</sup>
Contact material	Rhodium
Switching principle	Reed contact
Repeat accuracy (absolute)	±0,01 mm <b>[1]</b>
Installation position	Any
Number of NO contacts	1
Connection	PUR cable <b>[2]</b>
Cable length	5 m
Approach speed	0,01 ... 8 m/min
Actuating element	Domed plunger <b>[3]</b>
Actuating force	
Approx.	16 N

### Electrical connection ratings

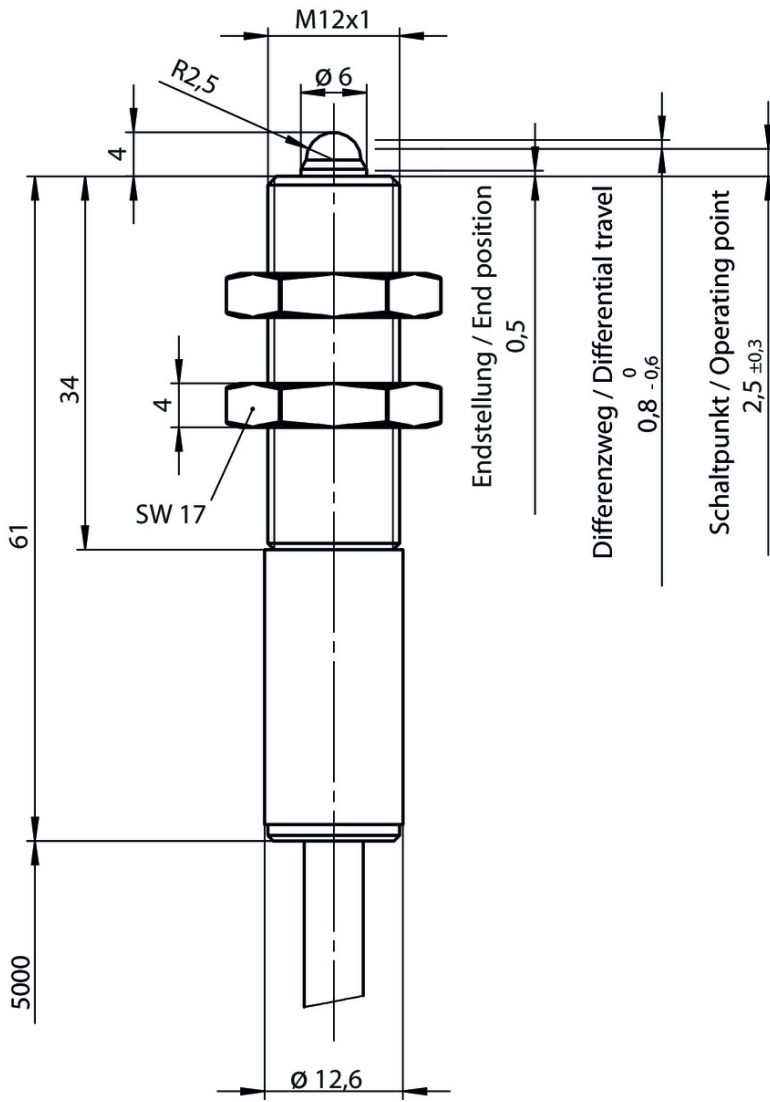
Utilization category according to EN 60947-5-1	
DC-13	0.3A 24V
AC-12	0.3A 30V
Short circuit protection according to IEC 60269-1	0.4A gG
Rated insulation voltage U <sub>i</sub>	50 V
Switching voltage	
min.	1 V
Switching current	
Min. at 24V	1 mA
Connection cross-section	0,5 mm <sup>2</sup>

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

**[2]** Two-core

**[3]** Short

### Dimension drawing









### 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

## CAD data

CAD data for this item on TraceParts