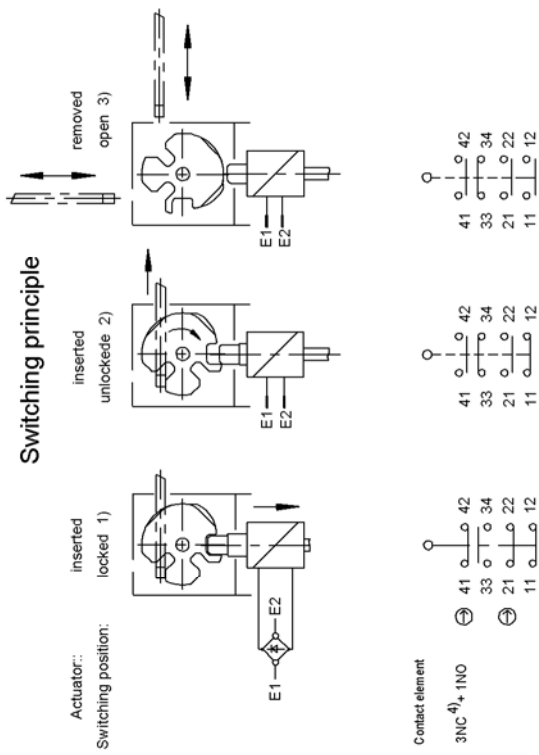


Minimum Travel - overtravel	
Approach direction	Standard actuator
horizontal (h)	24.5 +5
vertical (v)	24.5 +5

The safety switch and actuator must be assembled for installation purposes.

The safety switch must not be used as an end stop.

Switching principle



Type STP3-2131... 3NC 4) + 1NO

Actuator: inserted locked 1)

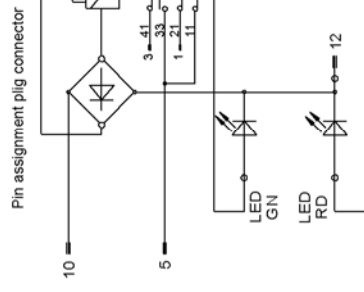
Switching position: inserted unlocked 2)

removed open 3)

Contact element

4) 2 direct opening NC + 1 delayed NC as door contact

Approach direction
The actuator head can be turned to be desired approach direction after undoing the fixing screws.
Please order actuator separately.



Attention:

Plug connector does not lie on earth potential. There is no earth conductor. Before start-up, take protective measures! (e.g. use protective low voltage with a safe disconnector/ PELV)

Technical Data Please observe the operating instructions (in case of disagreement between data sheet and operating instructions, the information of the data sheet are to be considered)

Parameters	Value	Unit
Housing material	Reinforced thermoplastic	
Degree of protection according to IEC 60529	IP 67	
Installation position	any	
Mechanical service life	1 x 10 ⁶	
Ambient temperature	-20 ... +55	
Approach speed max.	20	m/min
Actuating- / extraction- / retention force	35 / 30 / 20	N
Locking force, F max.	2500	N
Locking force F _{zh} (incl. safety margin acc. to GS-ET-19)	2000	N
Actuation frequency	1200	1/h
Locking methods		
Actuator inserted:	STP3: Mechanically locked, 1) unlocking by applying voltage up to position unlocked 2), Open 3) (fractator is removed.	
Weight	approx. 0,5	kg
Solenoid operating voltage	+10% -15%	V
Duty cycle	100	%
Connected load	8	W
Switching principle	Slowaction contact element	
Contact material	Silver alloy, gold flashed	
Type of connection	Plug connector BHA12	
Rated impulse withstand voltage U _{imp}	50	V
Utilization category according to EN 60947-5-1	AC-15 4A 50V DC-13 4A 24V	kV
Switching voltage min. 10mA	12	V
Switching current min. at 24V	1	mA
Conventional thermal current I _{th}	4	A
Short circuit protection (control circuit fuse)	4	A gG