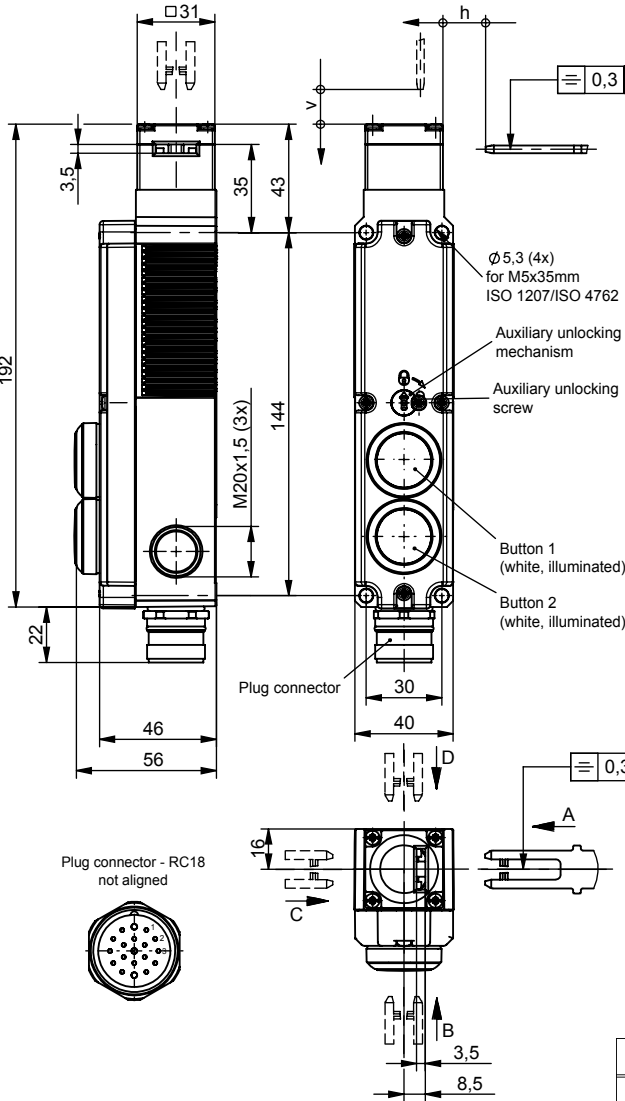


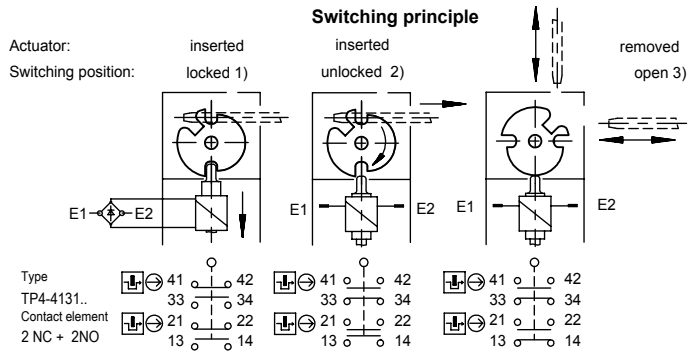
Maße in mm / Dimensions in mm  
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no responsibility is accepted for the accuracy of this information.  
Technische Änderungen vorbehalten, alle Angaben ohne Gewähr / Subject to technical modifications:



Minimum travel + overtravel		
Approach direction	Actuator standard	Actuator overtravel
horizontal (h)	28 +2	28 +7
vertical (v)	29,5 +1,5	---

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

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



**Approach direction**

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

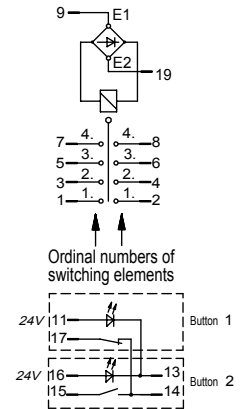
**Please order actuator separately.**

**Setup:**

Close the safety guard. Unlock the guard locking and keep the safety guard closed. The machine must not be induced / initiated for start.

111026	TP4-4131A024RC18EXT6	A
ID-No.	Description	Approach direction

**Pin assignment, plug connector, LED + button**



**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 54	
Installation position	any	
Mechanical service life	1 x 10 <sup>6</sup>	Switching cycles
Ambient temperature	-20 ... +55	°C
Approach speed max.	20	m/min
Actuating- / extraction- / retention force	10 / 20 / 10	N
Locking force, F max.	1300	N
Locking force Fzh (incl. safety margin acc. to GS-ET-19)	1000	N
Locking methods	TP4: Locking 1) by applying voltage. Unlocked 2) without voltage. Open 3) if actuator is removed.	
Actuator inserted:		
Weighth	approx. 0,5	kg
Solenoid operating voltage	+10% -15%	AC/DC 24
Duty cycle	100	%
Connected load	8	W
Switching principle	Slowaction contact element	
Contact material	Silver alloy, gold flashed	
Type of connection	Plug connector RC (18Pole)	
Rated insulation voltage Ui	50	V
Rated impulse withstand voltage Uimp	1,5 kV eff./60s	kV
Utilization category according to EN 60947-5-1	AC-15 4A 50V DC-13 4A 24V	
Switching voltage min. 10mA	12	V
Switching current min. at 24V	1	mA
Conventional thermal current Ith	4	A
Short circuit protection (control circuit fuse)	4	A gG
<b>BUTTON</b>		
Operating voltage max.	42	V
Breaking capacity max.	250	mW