

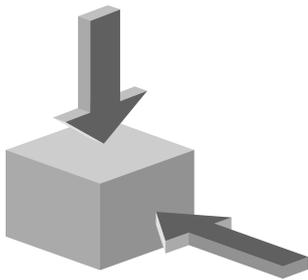
## TP6-4120A024M (Order no. 084280)

### Safety switch TP with door unlock request contact

- ▶ Auxiliary shutdown feature on the front
- ▶ With door unlock request contact
- ▶ Increased horizontal overtravel



### Approach direction



Horizontal and vertical  
Can be adjusted in 90° steps  
Increased overtravel for horizontal approach direction

### Solenoid operating voltage

- ▶ AC/DC 24 V +10%, -15%

### Guard locking type

TP6 Open-circuit current principle, guard locking by applying voltage to the guard locking solenoid.  
Release by spring force.

### Switching element

4120 Slow-action switching contact 1 NC  $\rightarrow$  (door unlock request contact) + 1 NC  $\rightarrow$  + 1 NO (solenoid monitoring contact)

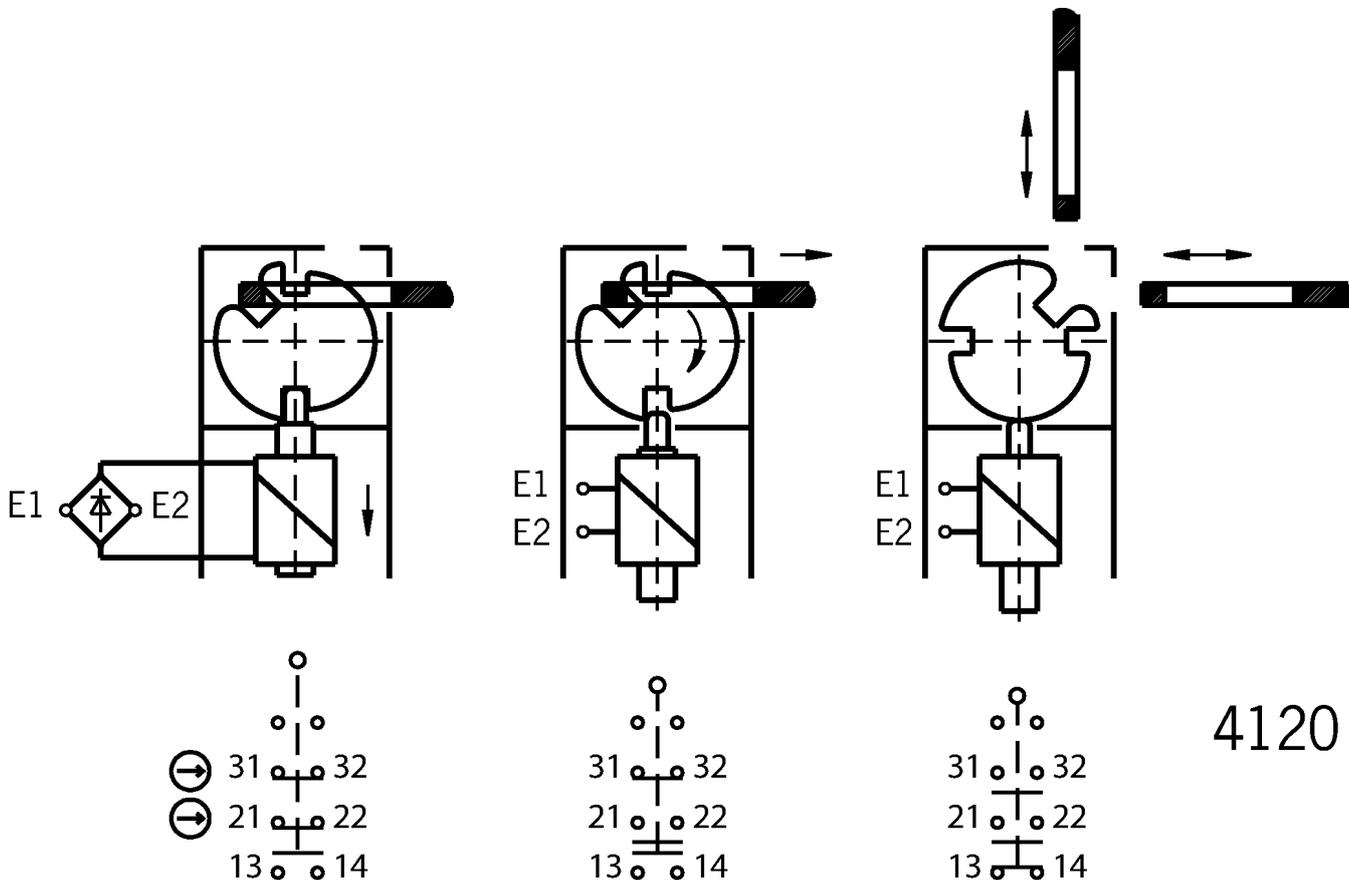
### auxiliary shutdown feature

When actuated, positively driven contacts 21–22 are opened. The guard remains locked. The auxiliary shutdown feature must be sealed to prevent tampering (for example with sealing lacquer).

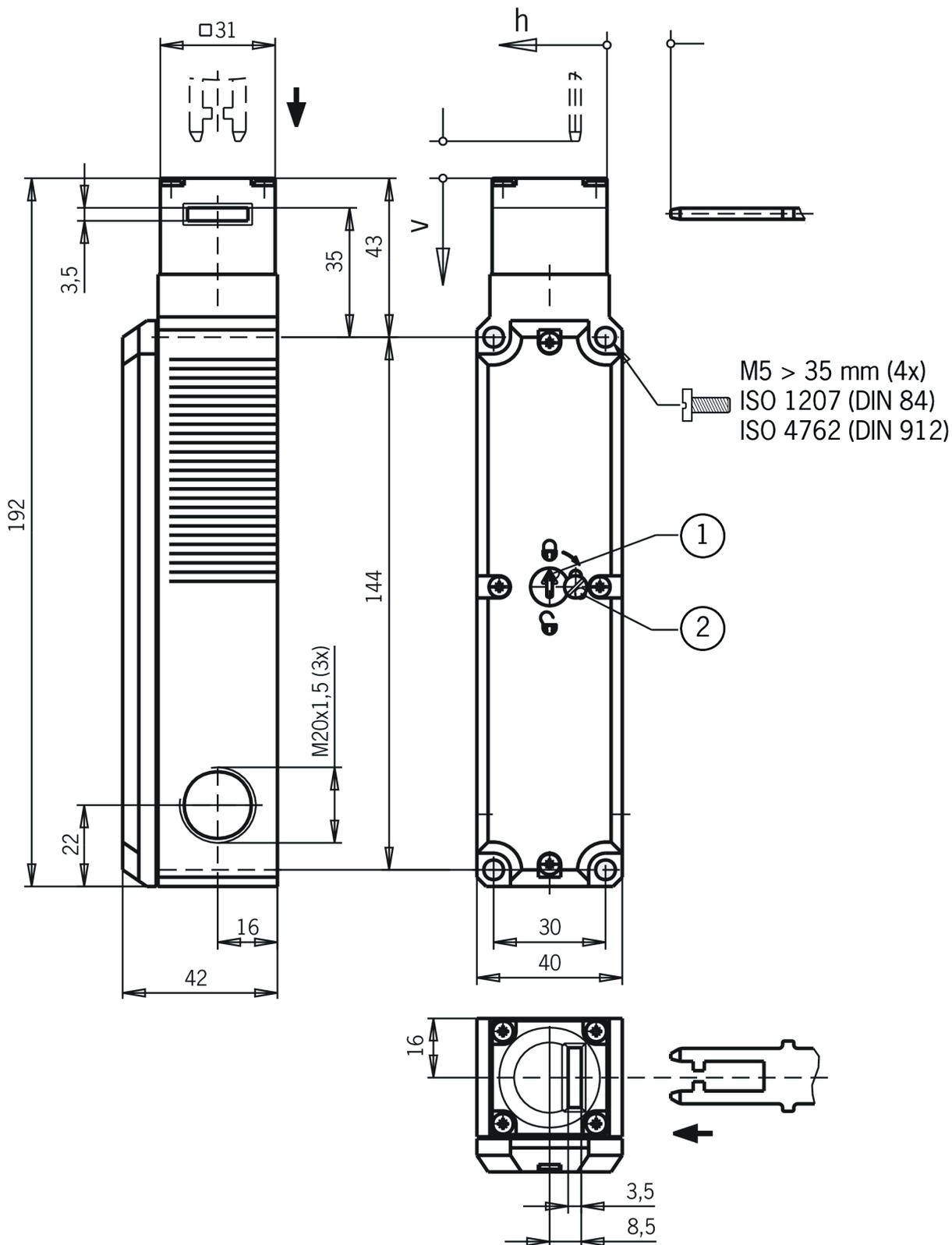
## Door unlock request contact

When the actuator is in the locked state, positively driven contact 21–22 is opened by pulling the guard (6 mm actuator stroke). This forwards a signal to the higher-level PLC. Depending on the control concept, the guard can be released automatically when machine components that were still running have stopped.

## Functional drawings



## Dimensional drawings



1 Auxiliary release

2 Locking screw