

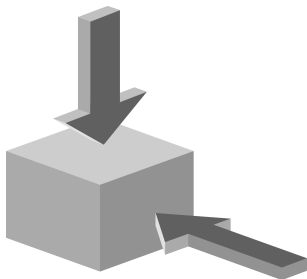
TP5-4120A024M (Order no. 084279)

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

TP5 Closed-circuit current principle, guard locking by spring force. Release by applying voltage to the guard locking solenoid.

Switching element

4120 Slow-action switching contact 1 NC  (door unlock request contact) + 1 NC  + 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

