

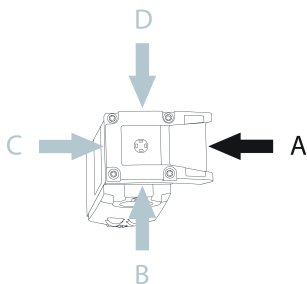
CET3-AR-CRA-AH-50X-SH-C2333-113151 (Order no. 113151)

Safety switch with guard locking CET-AR-..., plug connector(s) M23 (RC18), lockout bar

- ▶ Closed-circuit current principle
- ▶ Unicode
- ▶ Teach-in input J
- ▶ Monitoring output guard locking OUT
- ▶ Monitoring output door position OUT D
- ▶ Plug connector(s) M23 (RC18), 19-pole
- ▶ Lockout mechanism



Approach direction



Horizontal

Can be adjusted in 90° steps

Guard locking principle

Power to unlock: On a guard with guard locking based on the closed-circuit current principle, the guard is locked by spring force until the guard locking solenoid is supplied with power. Unlocking is by solenoid force. The term mechanical guard locking is also used.

Unicode evaluation

Each actuator is highly coded (unicode). The switch detects only taught-in actuators. Additional actuators can be taught-in.

Only the last actuator taught-in is detected.

Safety characteristics

Thanks to two redundant safety outputs (semiconductor outputs) with internal monitoring, the device is suitable for:

- ▶ Category 4 /PL e according to EN 13849-1
- ▶ SIL 3 according to EN IEC 62061 Table 4

The OSSD outputs used check their function for short circuits and short circuits with test pulses.

Lockout mechanism

The lockout bar can be used to prevent maintenance personnel from being unintentionally locked in the danger zone, for example.

Important: The lockout bar is not a safety function..

This device with lockout bar possesses no auxiliary release.

LED indicator

LED STATE Status LED

DIA LED Diagnostics LED

LED 1 rd freely configurable

LED 2 gn freely configurable

Terminal assignment