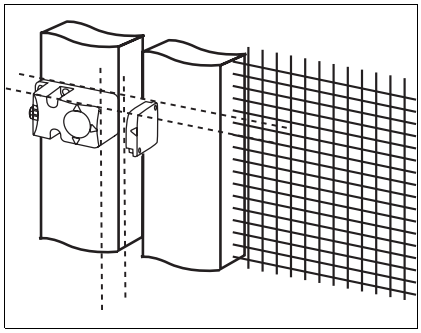
Installation and adjustment
PSENcode

Installation position

The unit can be installed in any position.
However, the sensing faces of the safety switch and actuator should be positioned opposite each other in parallel.
Operating distances may deviate if other arrangements are used.

Further information about the operating distances and the maximum permitted lateral and vertical offset can be found in the chapters entitled “Description” and “Units”.



Installation guidelines

- If you install safety switches and actuators in the vicinity of electrically or magnetically conductive material, check the operating distances, as changes can be expected.
- Safety switches and actuators should only be secured using M5 screws with a flat head (e.g. M5 cheese-head or pan head screws). Torque setting max. 1 Nm.
- The distance between two transponder systems must be at least 40 cm (see installation example, “Safety switches on swing gates”).

Safety switch and actuator

- Do not expose to heavy shock or vibration
- Do not use as a limit stop

Attachment

Attach the safety switch to the fixed part of the safety device.

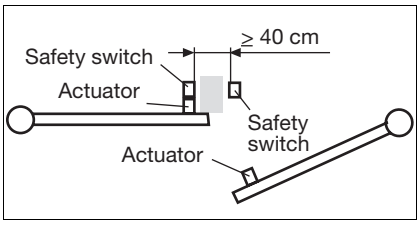
The actuator should be secured permanently to guarantee security against manipulation.

Adjustment

- The safety switch can only be used with a corresponding actuator.
- The actuator must not make contact with the safety switch. Please note the minimum operating distance stated in the technical details.
- Always test the function with one of the approved evaluation devices.
- The “Safetygate” LED on the safety switch illuminates yellow when the actuator is in the response range (guard closed, safety switch and actuator adjusted).

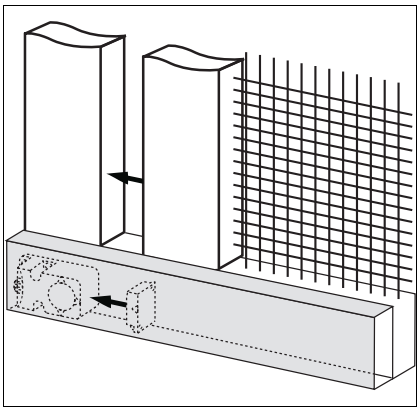
Swing gates

On swing gates the safety switch must be positioned on the closed edge. The distance between the two systems comprising safety switch and actuator must be at least 40 cm.



Concealed installation

Concealing the installation of the safety switch and actuator increases security against manipulation and reduces the risk of injury.



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