

# Calculating Safe Distances - An Application of Presence Sensing Devices

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The effectiveness of particular types of safeguards depends in part on the correct positioning of the relevant parts in relation to the danger zone. ISO 13855 primarily defines human approach speeds. These approach speeds need to be considered when designing safety measures and selecting the appropriate sensor technology. Different speeds and sizes are defined, depending on the direction and type of approach. Even an indirect approach is considered.

Viewers will learn:

- Safe distance formulas for different presence sensing devices
- Calculation techniques of stop time
- Application standards used for presence sensing devices

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