



Swing Door Safety

A power-operated swing door closes hundreds of times a day. Every cycle, the secondary closing edge at the hinge opens and shuts like a pair of shears — and for a child, an elderly visitor, or anyone reaching to steady a door, that pinch zone is where serious finger injuries happen. It is also the part of the door safety specification most easily overlooked.

MF Services specifies, supplies and installs complete swing door safety solutions, combining EN 16005-compliant laser sensing with the right protective hardware.

Key Stats

EN 16005

The safety standard it meets

360°

Rotating mirror scanning leaf and closing edge

4m

Maximum laser detection range

IP54

Rated for demanding door environments

Engineered for the Closing Edge

The ECO Schulte Flatscan 2D is a two-module laser sensor set — one module for the hinge side, one for the opposite side — each with an integrated mirror rotating through 360° to continuously monitor door leaf movement and the secondary closing edge, compliant with EN 16005.

Why Architects Specify It

EN 16005 Compliance

EN 16005 is the European standard for safety in use of power-operated pedestrian doors. It requires protection from crushing and shearing hazards across the door's whole movement — including the hinge-side closing edge most specifications miss.



Discreet by Design

A compact 85 x 142 mm housing in black, white or silver, sitting quietly against the door so the finished opening reads the way you detailed it.



Built for Real Buildings

IP54-rated, a wide operating temperature range, self-programming wall fade-out and adjustable tilt, engineered to perform reliably.



Complete, Specified Solution

MF Services specifies the sensor and the right protective hardware together, a coherent EN 16005-compliant solution for the whole closing edge.

Specifier Questions

Can it be retrofitted?

In most cases yes, a practical way to bring an existing swing door's safety provision up to standard.

Can MF Services help specify it?

Yes — from early design through to installation and aftercare.

Let's talk.

Contact us for technical specification support, or to request samples.

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