

## **Product PR**

Schwarzenburg (Switzerland), 4<sup>th</sup> August 2014

### **Gilgen's high-performance FD 20-F swing door drive unit offers effective fire prevention**

*Robust, silent, compact. These are just three of the outstanding characteristics of the FD 20 Gilgen swing door drive unit. Gilgen Door Systems has now extended its range. The "F" designation of the new FD 20-F swing door drive unit stands for "Fire", in recognition of its fire-prevention and safety performance.*

The Gilgen FD 20-F combines convenience and safety: The contact-free control system of the swing doors operates them automatically and smoothly in day-to-day use. If an incident occurs, they provide a safe and reliable means of escape and emergency access, combined with a robust means of stopping the fire spreading.

The first priority, whenever a fire occurs, is to stop it spreading for as long as possible. This is only possible if a resistant fire barrier is available. It is precisely for this reason that Gilgen Door Systems has developed the FD 20-F swing door drive unit. If a fire should occur, the spring-loaded doors close automatically – even if there is a power failure. Two-leaf doors can operate in combination with a mechanical closing-sequence regulator (controller). This drive mechanism is also suitable for smoke-extraction purposes: When fitted as part of an extraction/ventilation system, the tried-and-tested "inverse" function opens the door even if the power is down.

The installation of the Gilgen FD 20-F swing door drive unit is recommendable wherever safety and personal protection are top priorities. Possible examples include hospitals and care homes, along with office buildings and hotels.

Fire doors weighing up to 250 kg and with dimensions of up to EN 6 (950 – 1400 mm) pose no problem for the Gilgen FD 20-F. The drive mechanism is designed for use with all common rod variants, including – for example – sliding rods with pushing function. The universal fixing plate for fire-protection profiles is designed to ease the fitter's task of installing the Gilgen FD 20-F simply, quickly and reliably.

The drive mechanism can be configured to operate with up to three fire alarms, and it can be connected directly to an alarm control centre. A LED indicator on the side cover lights up whenever

a fire alarm is active. The system is reset in a user-friendly manner, after an alarm, by pressing the pushbutton on the side of the drive unit.

The reliability of the Gilgen FD 20-F swing door drive unit is confirmed: It fulfils EN fire-prevention standards, and has been subjected to TÜV type-approval testing in compliance with EN 16005. It offers, with its full range of functions, a decisive plus in terms of safety.

For further information, please go to [www.gilgendoorsystems.com](http://www.gilgendoorsystems.com)

We look forward to hearing from you.

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*Impressions*



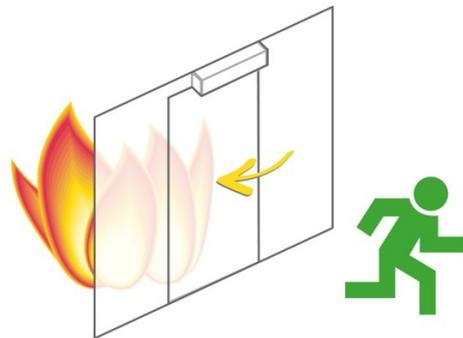
In the event of fire



Inselspital (Hospital), Bern  
(Switzerland)



Detailed view



Pictogram