HERMES Nachrichtensysteme

Door Surveillance
on the escape route

type: FWS-2020
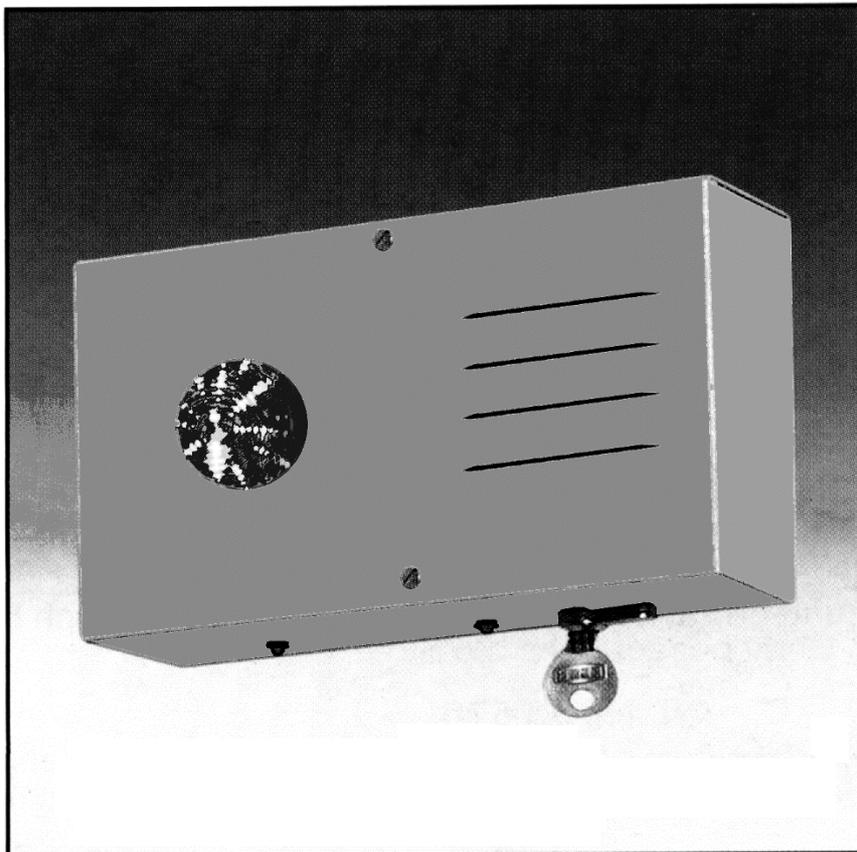
User manual and instructions for operators

Emergency exit alarm system, type: FWS-2020
(Please read user manual carefully and keep it safe)

Congratulations on buying a new HERMES-emergency exit alarm system.
HERMES -Nachrichtensysteme- is certified by DIN EN9001:2015 and produces there products completely in Germany according to strong quality rules.
Technology of HERMES gives you by generously dimensioned components, construction circuit interpretation and 100% of final control of the devices the plus in security which many of our customers appreciate. Many thanks for your confidence!

Conflict of objectives emergency exit
Emergency exits enable persons in case of an emergency to leave a danger area on the quickest way. Because these doors may not be closed, however, sometimes they will be used for e.g., in big stores by unauthorized persons as a hatch for stolen goods or something like that. The outcome of this is a continuous conflict of objectives.

Troubleshooting
The emergency exits can be efficiently protected against unauthorized use with our electronic alarm system. For authorized use this alarm system can be unlocked with a key. FWS-2020 allows settings like automatic activating and automatic activation delay. With it the ordinary handling with the alarm system can be made easier. Comfortable additional functions enable to realize many special wishes.

HERMES doesn`t use additional mechanical door locks, because in emergencies person at risk, which were anyway often confused (shock reaction), should not burden with additional inhibition thresholds.
However, we recommend to mark secured doors clearly with a sign.

In individual cases it can be advisable to bolt the doors electronically.
Follow, nevertheless, the legal regulations!

Control elements and equipment
The procedure of switching the door surveillance (lock / unlock) occurs via a key switch. The door control and all other control tasks takes over the FWS-2020. Special requests like automatic activating and automatic activation delay have to be set up in the device by an expert. The settings should be noted at the end of these instructions.

Visual and acoustic signals

Operating state: visual: green LED = on

Insecure Door: visual: yellow LED = on
(authorized use)   acoustic: one tone per minute

Surveillance   visual: yellow LED = off
(stand-by, locked)   acoustic: mute

in case of alarm: visual: red LED-flash lamp
                             acoustic: pulsating, loud alarm siren

Note: **All signals** can be clamped by an expert in case of request by the user.

Control element key-operated switch:
The profile cylinder lock can be used for the authorized activating of the doors and the deactivating of the alarm signal)

The key can be turned around several times in the same direction without damaging the device. The lock has a magnetic switch contact. Therefore, turning of the key you feel only little resistance. You will fast get used to the new switch behaviour. Unintentional destroying of the mechanical contact switch, which is to be found frequent with older devices, is excluded by the design of the lock! It is optimum, if you pull off the key after every switching, or turn back at least in the suitable „0 "-position. With it you avoid unintentional switching functions and false alarms.

Door activating / Alarm turned off => control mode „insecure door" (unlocked)
Only an authorized user can switch off an alarm or use the emergency exit after „activating " of the door, without causing an alarm.
Procedure: key-rotation left, anticlockwise.
Indication: yellow LED = on, reminiscent tone (once per minute)

Door switching to surveillance => control mode „surveillance" (locked)
An authorized user must pay attention to switch the door after use again.
Procedure: key-rotation right, clockwise

SPECIAL FUNCTIONS / FEATURES OF THE DEVICE:

Automatic activating
The device can be set up by an expert via SW1 in such a way, that it switches itself by **unlocked door** at the end of a time automatically again active. The time can be set up from one minute up to 8 minutes.
Version: Activate the door with the key, i.e. inactive (1 left-hand rotation i.e. 1 anti-clockwise rotation).
Should you forget to switch the door again ready to alarm, now this happens automatically and without your assistance. Of course the device can also be switched active during this time by hand with a key. Attention: The automatic activating occurs without consideration whether the door was closed again (alarm!). Nevertheless, before that an acoustic signal sounds 10 times.

Activation delay with inevitability
The device can be set up by an expert via SW1 in such a way, that it delays the **manual activating >10 seconds**.
Activate the door with the key in alert (1 right-hand rotation i.e. 1 clockwise rotation). Now an acoustic signal beeps. You have approx. 10-second to open the door without causing an alarm.
As long as the door is open, the time clock stops. The device switches only <u>after closing the door</u> and after the expiration of full 10 seconds again active (inevitability). With this setting you can use, e.g., as an authorised person, the emergency exit to leave the space without causing an alarm and you can allow somebody to switch the door afterwards again automatically ready to alarm. Or you can use the emergency exit as long as you let the door open. Pay attention always to close the door after use!

External lock
Switching the device by authorized persons with key can also be carried out by an external lock. Notice that all additional locks have equal rights. So avoid preferably mixed using and inform yourself about the operating status of the yellow LED before switching so that you don`t cause failure accidentally.

Setting notes:
Fill out by expert
The **bold printed** letters mark the factory settings

Automatic activartion delay selected:	_____ (Y/**N**)	
- if yes, please note time:	_____ minutes	
Activation delay with inevitability selected:	_____ (Y/**N**)	

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