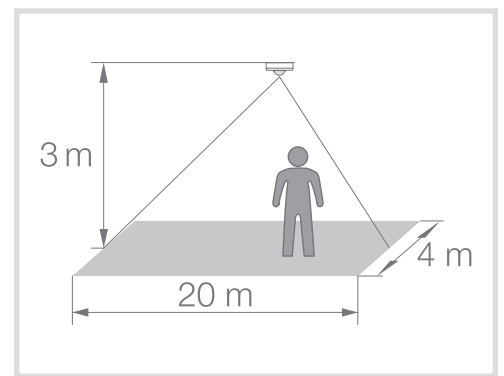
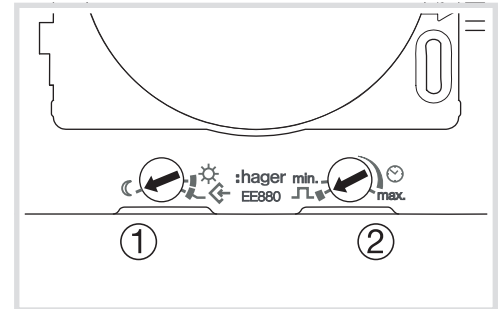
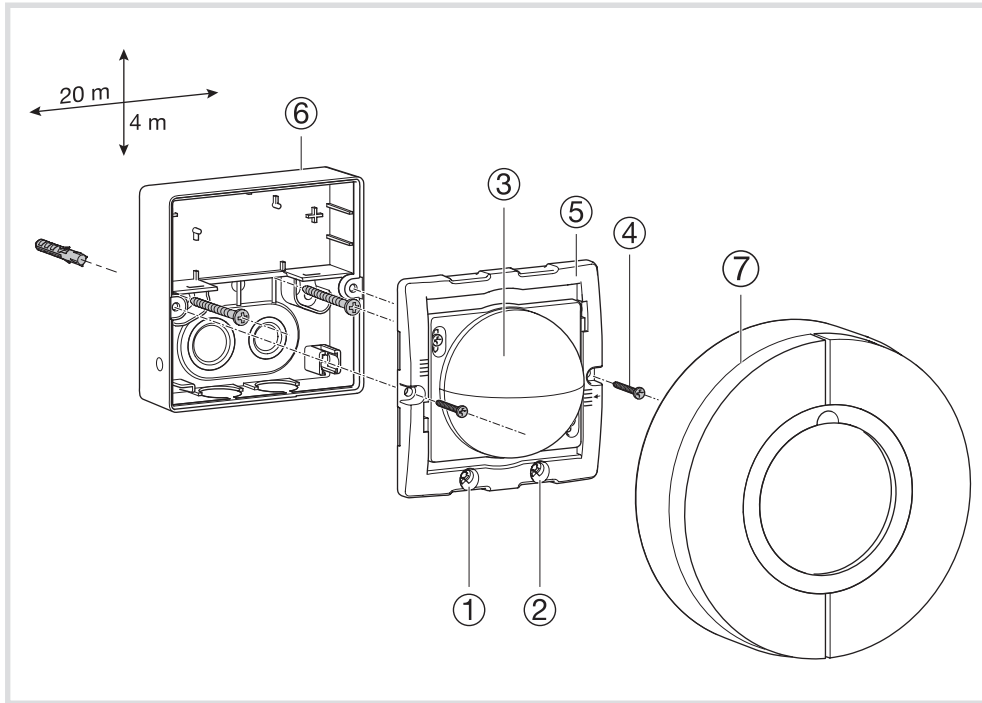


- (FR) Détecteur de mouvement couloir IR, montage sur mur ou plafond en saillie
- (EN) IR Corridor motion detector, for surface mounting on wall or ceiling
- (DE) Korridor Bewegungsmelder IR IP54 On/Off
- (IT) Rilevatore di movimento corridoio IR, montaggio sporgente a parete o a soffitto

EE880



Type de charges / Load type / Lasttyp / Tipo de carico		T ≤ +35°C 10A AC1 230V~	+35°C < T ≤ +50°C 6A AC1 230V~
	230V~ Lampes à incandescence / Incandescent lamps Glühlampen / Lampade a incandescenza	2300W	1300W
	230V~ Lampes halogènes BT / Halogen lamps LV Halogenlampen LV / Lampade alogene BT	2300W	1300W
	230V~ Tubes fluorescents non compensés / Fluorescent tubes non compensated Leuchtstoffröhren ohne Vorschaltgerät / Tubi fluorescenti non compensate	1200W	1200W
	230V~ Tubes fluorescents connectés en parallèle / Fluorescent tubes connected in parallel Leuchtstoffröhren mit Parallelschaltung / Tubi fluorescenti collegate in parallelo	1000W / 110 µF	1000W / 110 µF
	230V~ Lampes fluocompactes / Compact fluorescent Leuchtstofflampen / Lampade fluorescenti compatte	20 x 20W	20 x 20W
	LED / LED / LED / LED	20 x 20W	20 x 20W
	Lampes halogènes TBT via ballasts ferromagnétiques ou électroniques / Halogen lamps VLV with Ferromagnetic or electronic ballasts Halogenlampen VLV mit ferromagnetische oder elektronische Vorschaltgeräte / Lampade alogene MBT con Zavorre ferromagnetische o elettronica	1500VA	1300VA
	Tubes fluorescents via ballasts ferromagnétiques ou électroniques / Fluorescent tubes with ferromagnetic or electronic ballasts / Leuchtstoffröhren mit ferromagnetische oder elektronische Vorschaltgeräte / Tubi fluorescenti con Zavorre ferromagnetische o elettronica	580W	580W

En cas d'utilisation avec des charges non spécifiées il est impératif de relayer.
 If used with unspecified loads, relaying is essential.
 Bei Anwendungen mit nicht angegebenen Lasten ist unbedingt eine Weiterschaltung der Last notwendig.
 In caso di utilizzo con carichi non specificati, occorre ricorrere tassativamente a relè.



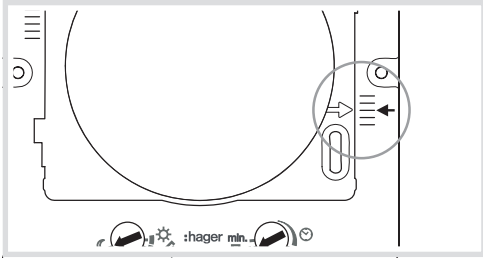
Description of the product and settings

The EE880 motion detector is sensitive to infrared radiation emitted as heat from a moving body. The detector switches on the load connected to it when a heat-emitting body moves within its detection area. The load remains lit for the period of time to which the detector has been set and until it no longer detects movement in its surveillance area. This detector has been specially designed to meet the needs of corridors.

Implementation

In order to obtain optimum detection conditions, the following recommendations should be followed:

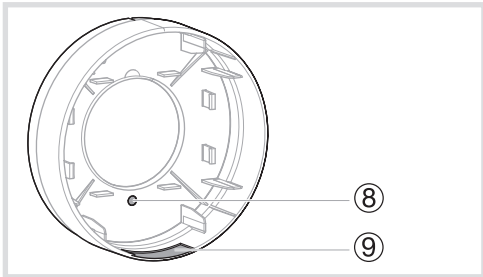
- Recommended installation height: 3 metres.
- The arrow engraved on the lens ③ and the arrow marked on the housing ⑤ must be aligned, in order for the detector to operate correctly.



Installation advice

For installation in damp locations, a drain hole ⑧ needs to be drilled in the protective cover.

There is a cable feedthrough that can be broken open if necessary ⑨ on the protective cover.



Surface mounting of the EE880

1. Loosen the screws ④ retaining the lid ⑤.
2. Remove the lid ⑤.
3. Use 2 screws to fix the box ⑥ to the ceiling or wall (diameter 4.5 mm and length 50 mm).
4. Wire the detector in accordance with the connection diagrams (see "Connections").
5. Refit the lid ⑤.
6. Correctly tighten the two screws ④ retaining the lid ⑤ in order to ensure a good seal.
7. Adjust the potentiometers (see "potentiometer settings").
8. Fit the protective cover ⑦. Be sure to press on the cover to ensure that it clips in place correctly.

Important

The detector requires 10 seconds to initialize after the power is switched on.

Potentiometer settings

①		Adjustable potentiometer ① luminosity threshold
②		Adjustable potentiometer ② duration of operation

With a screwdriver, potentiometers ① and ② can be adjusted to set the luminosity threshold and the duration of operation:

- **Luminosity threshold:** 2 to 2000 lux.
Potentiometer ① is preset to a default value of approximately 2000 lux.
- **Duration of operation:** 5 s to 15 min.
Potentiometer ② is preset to a default value of approximately 5 s.

Test Procedure

To test the operation, set the luminosity threshold to maximum, ☀, and the duration of operation to minimum, 5 seconds; this will cause the detector to trigger immediately, allowing you to check the operation.

Learning mode

When the ambient light has reached the value at which the detector will turn on the light in the event of movement, turn potentiometer ① to ☀. At the end of 10 seconds, the ambient luminosity is saved. In this mode the red indicator LED flashes twice per second.

Functions

⌚ pulse function

On potentiometer ②, the pulse function applies a voltage to the output for 2 seconds. This function is not used to directly control the loads, but to control a stairwell timer, for example.

If a switch is installed on the detector circuit (see Connection), in addition to switching on and off, it has the following functions:

Important

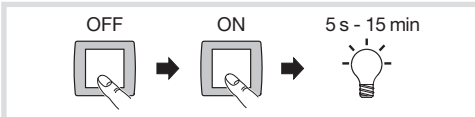
The switch needs to be actuated rapidly, between 0.5 s and 1 s.

Operation with detector

1. To turn on the light (if the lamp is at OFF)

- Actuate the switch in the following manner "OFF" - "ON" i.e. 1 x OFF and ON.

The lamp remains lit for the duration set.



2. To turn off the light (if the lamp is at ON)

- Actuate the switch in the following manner "OFF" - "ON" i.e. 1 x OFF and ON.

The lamp turns off or returns to detection mode.

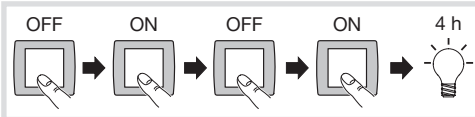
Constant lighting (4 hr)

1. To activate constant lighting

- Actuate the switch in the following manner "OFF" - "ON" - "OFF" - "ON" i.e. 2 x OFF and ON.

This process must be completed in less than 1.5 s.

The lamp then switches to constant lighting for 4 hours (the red LED remains lit). It then returns automatically to detection mode (the red LED goes off).



1. Deactivating constant lighting:

- Actuate the switch in the following manner "OFF" - "ON" i.e. 1 x OFF and ON.

The lamp turns off or returns to detection mode.

Use/maintenance

The detector is designed for automatic switching of lighting. However, it is not intended for use with anti-intrusion alarms, because it is not protected against vandalism.

If the surface gets dirty, clean it with a damp cloth (do not use detergent).

Connection in parallel

Parallel implementation is possible, but care must be taken not to exceed the maximum power that can be connected to a detector. Moreover, all the devices must be connected to the same phase.

Technical characteristics

Supply voltage	230 V~ 50/60 Hz
Detection area	20 m x 4 m
Standby consumption	1 W
Duration of lighting output operation	5 s ... 15 min
Luminosity threshold	2... 2000 lux
Recommended installation height	3 m
Accessoires de fixation	2 screws 4.5 mm Ø and length 50 mm
Operating temperature	-20°C ➔ +50°C
Storage temperature	-35°C ➔ +70°C
Insulation class	II
Protection rating	IP54
Standards	EN 60669-2-1
Upstream protection	10A (T ≤ +35°C) 6A (+35°C < T < +50°C)
Maximum installation altitude	2000 m
Pollution degree	2
Connection	max 1,5 mm ²

What to do if ... ?

After a power cut

- The detector continues to operate with the luminosity threshold indicated by potentiometer ①.
- When potentiometer ① is in learning mode the luminosity level set before the power cut is still in memory, the detector does not resume learning mode.
- If it was in constant lighting mode, then the detector returns to detection mode.

Erratic Detection	Animals are moving in the detection area. - Check the detection area.
The detector has no voltage	- Upstream protection defective, device not in the circuit. Check the cable using a voltage tester, restore the upstream protection, reset the switch. - Short circuit Check the connections. - Additional change over switch set to OFF. Switching on.
The detector does not switch on the lamp	- Faulty bulb: change the bulb. - During the day, the twilight setting is in the night position. Readjust. - Additional change over switch set to OFF. Switching on.
The detector does not switch off the lamp	- Constant lighting activated (red LED lit): switch off constant lighting. - Another detector connected in parallel and still active: wait for the delay time of the other detector.



This device is to be installed only by a professional electrician fitter according to local applicable installation standards.

Usable in all Europe and in Switzerland

The CE declaration can be consulted on the site:
www.hagergroup.net

FR Raccordements

EN Connections

DE Anschlüsse

IT Collegamenti

Legende

- (A) Lampes
- (B) Bornes du détecteur
- (C) Interrupteur simple
- (D) Deux interrupteurs
- (E) Interrupteur va-et-vient

Legend

- (A) Lamps
- (B) Detector terminals
- (C) Single switch
- (D) Two switches
- (E) Change over switch

Legende

- (A) Lampen
- (B) Anschlussklemmen
- (C) Ausschalter
- (D) Zwei Ausschalter
- (E) Wechselschalter

Legenda

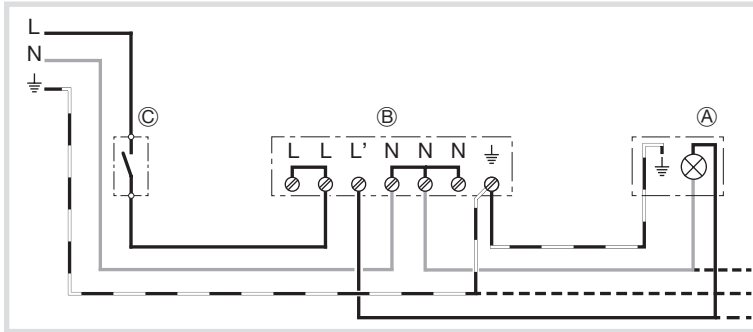
- (A) Lampade
- (B) Morsetti del rilevatore
- (C) Interruttore singolo
- (D) Due interruttori
- (E) Interruttore va-e-vieni

14 Raccordement de lampe sans conducteur de neutre

Lamp connection without neutral conductor

Lampenanschluss ohne Neutralleiter

Collegamento lampada senza conduttore di neutro



Fonctionnement auto par détection ou Extinction forcée

Auto operation by detection or Forced switch-off

Automatikmodus durch Erfassung oder Zwangsabschaltung

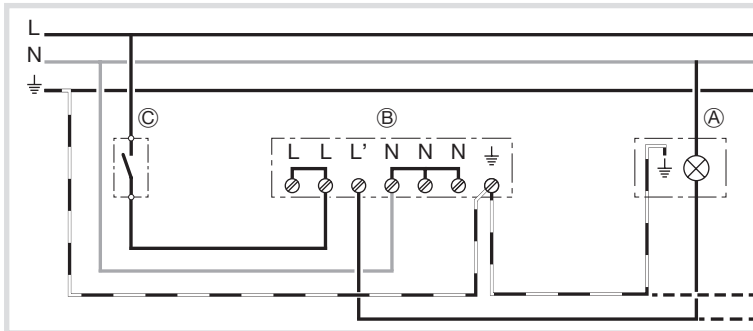
Funzionamento automatico tramite rilevamento o Spegnimento forzato

15 Raccordement de lampe avec conducteur de neutre

Lamp connection with neutral conductor

Lampenanschluss mit Neutralleiter

Collegamento lampada con conduttore di neutro



Fonctionnement auto par détection ou Extinction forcée

Auto operation by detection or Forced switch-off

Automatikmodus durch Erfassung oder Zwangsabschaltung

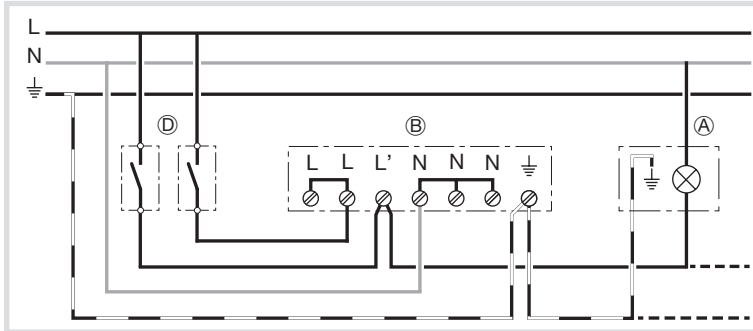
Funzionamento automatico tramite rilevamento o Spegnimento forzato

16 Raccordement par deux interrupteurs pour la commande manuelle ou automatique (possibilité de mise hors tension simultanée de la lampe ET du détecteur)

Connection using two switches for manual or automatic control (possibility of simultaneous switch off of the lamp AND the detector)

Anschluss über zwei Schalter zur manuellen oder automatischen Steuerung (Lampe UND Melder können gleichzeitig ausgeschaltet werden)

Collegamento mediante due interruttori per il comando manuale o automatico (possibilità di disinserimento simultaneo della lampada E del rilevatore)



Fonctionnement auto par détection ou Extinction forcée de la lampe ou Allumage forcé de la lampe

Auto operation by detection or Forced switch-off or Forced switch-on of the lamp

Automatikmodus durch Erfassung oder Zwangsabschaltung oder Zwangseinschaltung der Beleuchtung

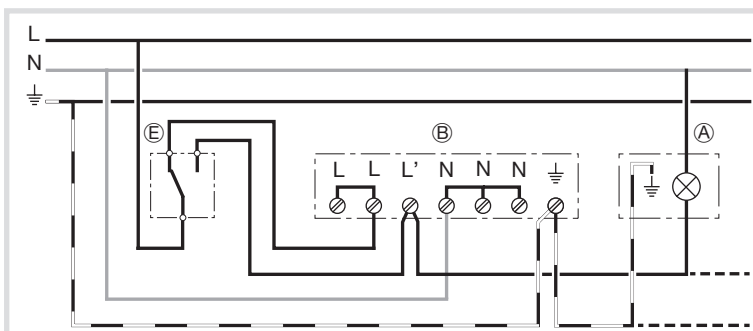
Funzionamento automatico tramite rilevamento o Spegnimento forzato o Accensione forzata della lampada

17 Raccordement par un interrupteur va-et-vient pour mettre en fonctionnement soit la lampe soit le détecteur

Connection using a change over switch to operate either the lamp or the detector

Anschluss über einen Wechselschalter, um entweder Lampe oder Melder einzuschalten

Collegamento mediante un interruttore va-e-vieni per mettere in funzione la lampada O il rilevatore



Fonctionnement auto par détection ou Allumage forcé de la lampe

Auto operation by detection or Forced switch-on of the lamp

Automatikmodus durch Erfassung oder Zwangseinschaltung der Beleuchtung

Funzionamento automatico tramite rilevamento o Accensione forzata della lampada