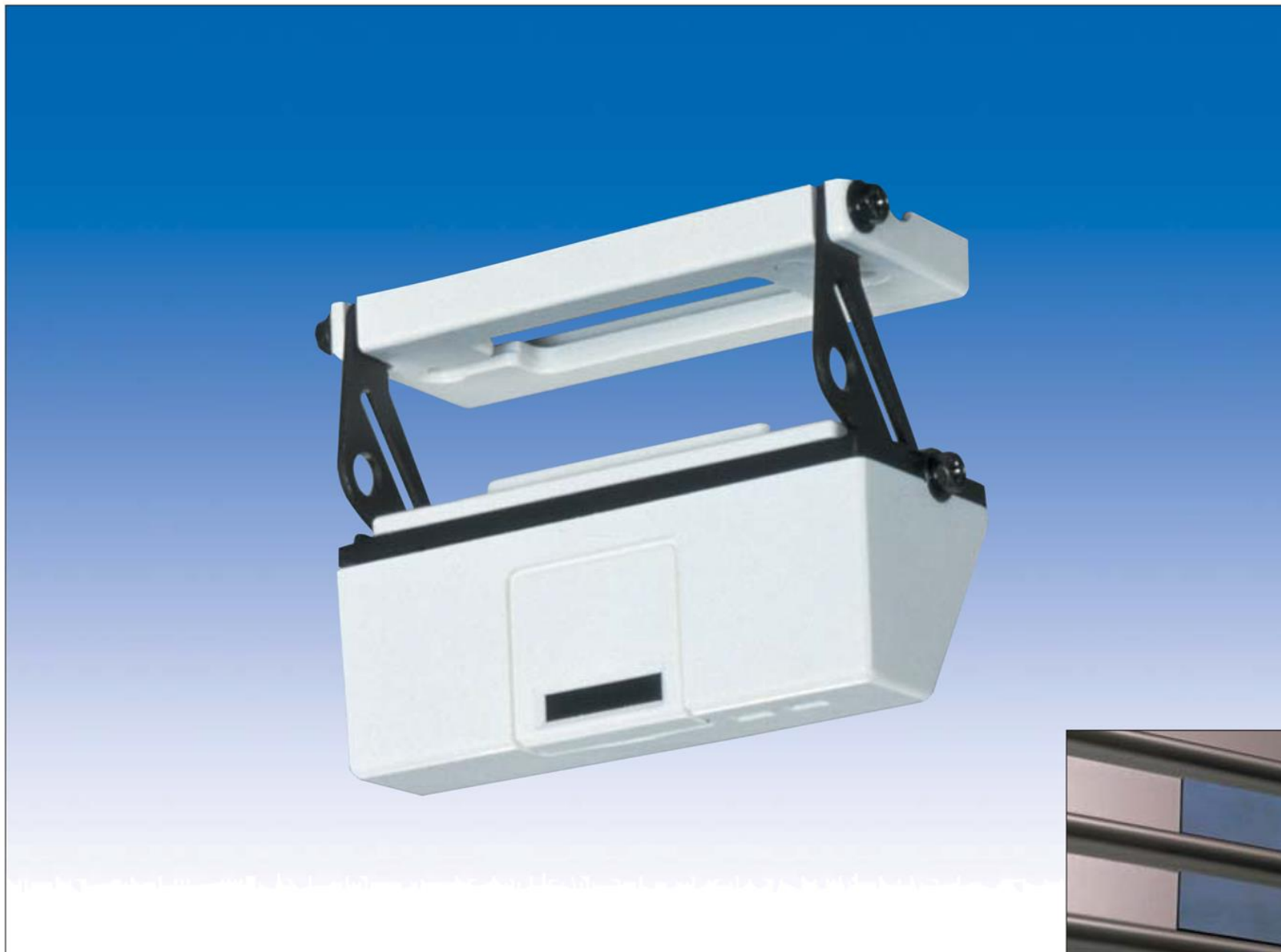


SHUTTER SENSOR (Magnetic modulation type)

SH-M5



Magnet sheet (Accessory)

Alarm memory function built-in magnetic modulation type shutter sensor

Alarm memory function

Easy to find the alarmed unit even if multiple units are in the same system by the memory indicator lights 47 min after blinks for 3 min at detection.

Sensitivity adjustment function

Magnetic adjustment function built-in to prevent the effect from external magnetic force.

Reliable operation

Magnetic modulation system ignore the effects from small animals such as spiders or moths and environmental factors such as dirt, dust, condensation, freezing and disturbance light. Installable even in cold or high-temperature and humidity region.

Decline the effect of radio/electrical noise

Unique circuit and mechanical design realizes high-level noise resistance.

Unique magnet sheet

No magnetic deterioration or falling off from the shutter slats will occur by adopt the unique magnet sheet with possessing high coercive force, climate endurance and flexibility.

Flexible installation

Adjustable the distance between the sensor and magnet sheets and the height by the mounting arm.

Sensitivity indicator

Sensitivity indicator lights on at the magnetic level unstable.

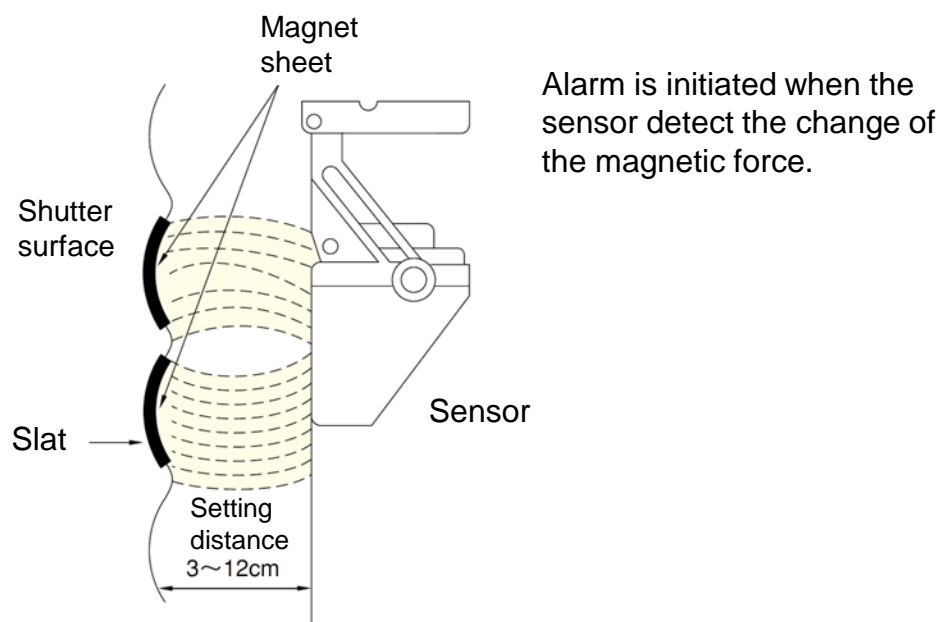
Simple and compact design

Discreet design match to any properties.

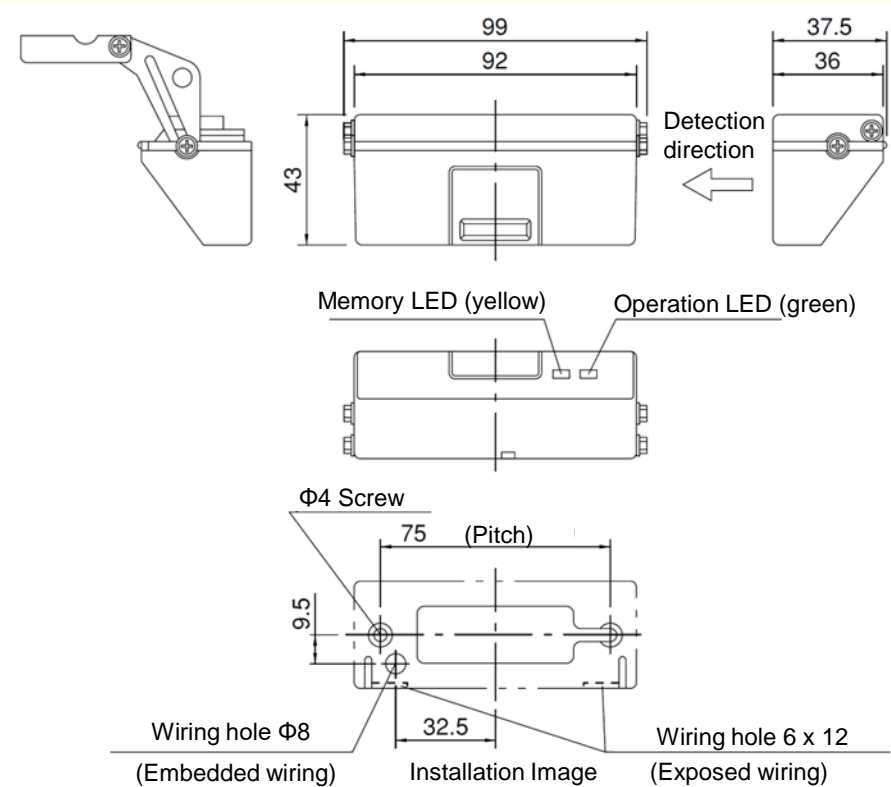
Convenient additional functions

- Delay circuit built-in to prevent malfunction caused by the shutter rattling
- Waterproof structure to prevent rainwater intrusion
- Dry contact relay from C
- Operation LED(green) helps operation check
Armed : ON, Disarmed : OFF

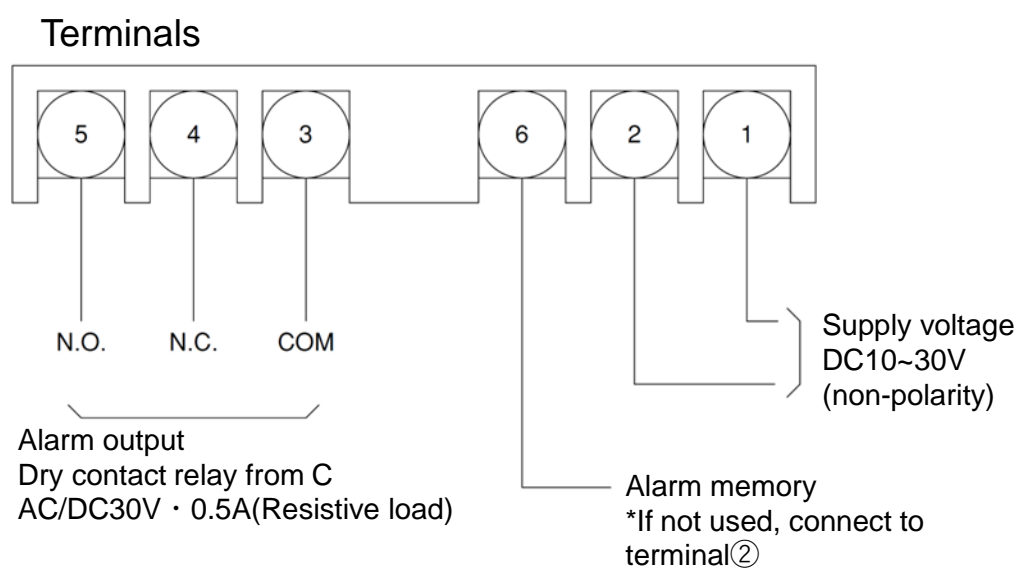
■ Installation



■ External Dimensions



■ Wiring



■ Wiring distance limit for power line

Wiring size	DC12V	DC24V
0.3mm ² (φ 0.65mm)	310m	2700m
0.5mm ² (φ 0.8mm)	510m	4300m
0.8mm ² (φ 1.0mm)	790m	7100m

*Divide the wiring distance above by the number of units connected.
*Wiring distance limit for the signal line is 1,000m max. with φ0.65mm TEL wire.

■ Specification

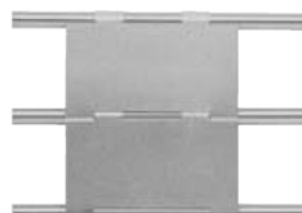
Model	SH-M5
Detection system	Magnetic modulation
Detection distance	3~12cm
Response time	1~2 sec.
Power supply	DC10~30V(non-polarity)
Current consumption	38mA or less
Alarm output	Dry contact relay output 1c (open/close at alarm) 30V(AC/DC) · 0.5A(resistive load)
Operation LED	Green LED : Lighting at alarm
Sensitivity LED	Red LED : Lighting as the magnetic force attenuated
Memory LED	Yellow LED : 3min blinking 47min lighting and automatically reset
Ambient temperature	-25°C ~ +50°C
Mounting position	Indoor(shutter case, lintel)
Wiring connection	Terminals
Weight	Approx. 95g
Appearance	Case: Resin(white)

■ Option (sold separately)

- Magnet sheet (2pcs for maintenance) <BR-M5>



- Attachment for magnet sheet (For pipe shutter) <BF-S3>



- Attachment (For slide shutter) <BS-S3>



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Please note:

This sensor is designed to detect intrusion and flame to initiate an alarm; it is not a burglary or a crime preventing device. TAKEX is not responsible for damage, injury or losses caused by accident, theft, Acts of God (including inductive surge by lightning), abuse, misuse, abnormal usage, faulty installation or improper maintenance.