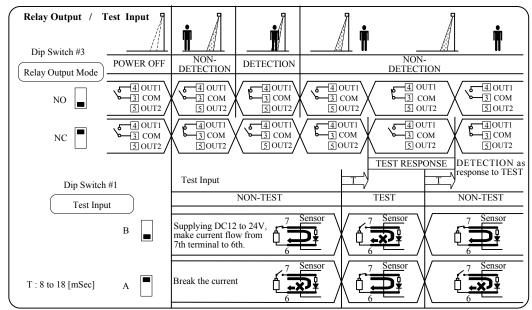
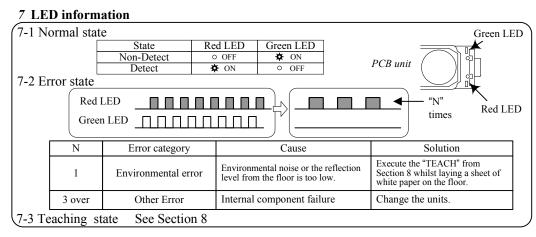
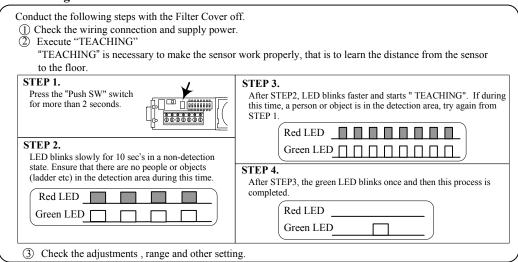


## 6 Timing chart of events

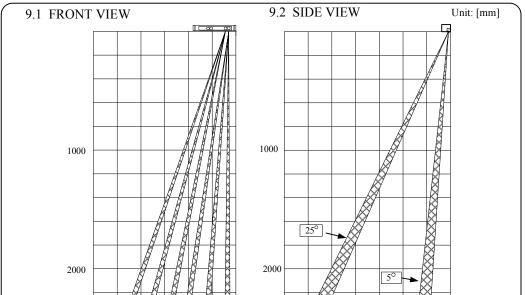


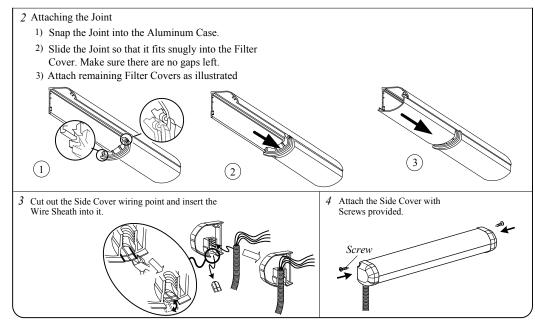


### 8 Teaching



## 9 Detection Area





# 12 Final Detection Range Check

After the Filter Cover is fitted, confirm that the detection range is as expected and conforms with local regulations.

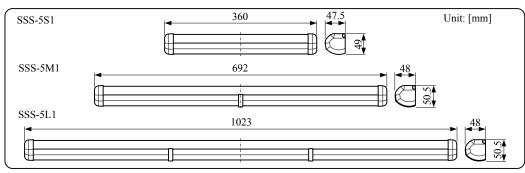
**EN16005** Check that the detection area conforms to EN16005



## 13 Technical Data

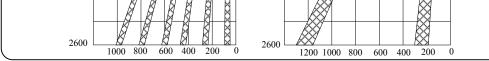
15 I cennical Data					
MODEL	Safety	SSS-5			
TECHNOLOGY	COMPLETE STATIONARY DETECTION with PSD DISTANCE MEASUREMENT				
POWER SUPPLY	AC/DC 12~24[V] ±10%	BEAM ANGLE ADJUSTMENT	5, 10, 15, 20, 25 [degrees]		
CURRENT CONSUMPTION	95 [mA] @ DC12[V] 55 [mA] @ DC24[V] 1.7 [VA] @ AC12 [V] 2.3 [VA] @ AC24[V] OPTO RELAY 1A (NON POLE) DC 50[V] 0.1[A] (RESISTANCE LOAD)	RESPONSE SPEED	LESS THAN 100 [mSec]		
			TEST INPUT : 1 [BIT] OPTICAL INTERFERENCE : 1 [BIT] RELAY OUTPUT MODE :1 [BIT] MASKING DETECTING SPOTS:2[BIT] DETECTION RANGE:3[BIT]		
RELAY OUTPUT					
TEST INPUT	6 [mA] Max. at 24 [VDC]	OPERATING TEMPERATURE	-20 ∼ +60 [° C]		
MOUNTING HEIGHT	2.6 [m] Max	WEIGHT	SSS-5S1: 350[g] APPROX.		
DETECTION RANGE	0 - 2.55 [m] Max	WEIGHT	SSS-5M1: 540[g] APPROX. SSS-5L1: 760[g] APPROX.		

#### 14 Dimensions



# **15. EC DECLARATION OF CONFORMITY**

Description of Product: SSS-5 Safety Sensor for Swing Doors . Complete stationary detection with PSD distance measurement.							
Directives Fulfilled:							
DIRECTIVE 2006/42/EC	Machinery Directive						
DIN 18650-1:2010	Powered pedestrian doors Part 1: Product requirements. Chapter 5.7.4						
EN12978:2003 +A1:2009	Industrial, commercial and garage doors and gates - safety devices for power operated doors and gates - Requirements and test methods.						
EN62061:2005	Functional safety of electrical/electronic/programmable electronic safety-related systems.						
		nery - Safety-related parts of control syste					
EN 16005:2012 Power operated pedestrian doorsets - Safety in use - Requirements and test methods. Chapter 4.6.8							
EC type examination No. 44 205	13738001	1 5 1					
Above EC Type Directives Certified by: TUV NORD CERT GmbH Langemarckstr.20 45141 Essen Germany Identification No: 0044		Harmonized Standards Used: EN ISO 13849-1:2008/AC:2009	Other Technical Standards Used: DIN 18650-1:2005 EN16005:2012				
David Morgan / Hotron Ireland Ltd.Ho26 Dublin Street, Carlow, Ireland1-2		Location of Declaration (Manufacture) Honda Electron Co., Ltd. 1-23-19 Asahi-Cho,Machida-City, Tokyo, Japan	<b>Declaration made by</b> Teruya Morimoto Director Quality Assurance	Date 30 September 2015			



### 10 Detection Range Check without Filter Cover

Check the detection range without the Filter Cover attached. Put a test object in the detection area to check the detection patterns and other Dip Switch settings. Tests according to local standards should be carried out.

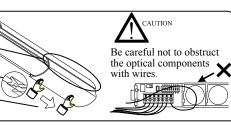
### After this check, Turn power off.

**ENIGODS** Check that the detection area conforms to EN16005 When the test is completed, go to Section 11 to install the Filter Cover and Side Cover. If an error occurs, re-check the settings referring to Section 3.

## 11 Replacing the Filter Cover and Side Cover



- 2) Slightly bend the Filter Cover at one end to latch it onto the bottom lip of the Aluminum Case.
- Slide your hand along the bottom lip to lock the Filter Cover onto the Aluminum Case all along the length of the Aluminum Case.



<Disclaimer> The manufacturer cannot be held responsible for the below.

- 1. Misinterpretation of the installation instructions, miss connection, negligence, sensor modification and inappropriate installation.
- 2. Damage caused by inappropriate transportation.
- 3. Accidents or damages caused by fire, pollution, abnormal voltage, earthquake, thunderstorm, wind, floods and other acts of providence.
- 4. Losses of business profits, business interruptions, business information losses and other financial losses caused by using the sensor or malfunction of the sensor.
- 5. Amount of compensation beyond selling price in all cases.



Manufacture and Sales HOTRON CO.,LTD. 1-11-26 Hyakunin-Cho, Shinjuku-Ku, Tokyo, Japan Phone: +81-(0)3-5330-9221 Fax: +81-(0)3-5330-9222 URL: http://www.hotron.com Sales in Europe Hotron Ireland Ltd. 26 Dublin Street (2nd Floor), Carlow, Ireland Phone: +353-(0)59-9140345 Fax: +353-(0)59-9140543 URL: http://www.hotron.com

