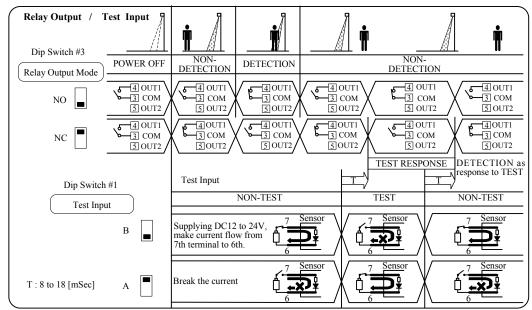
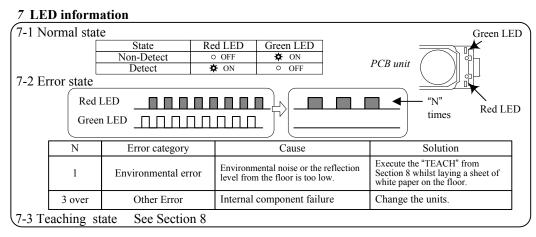
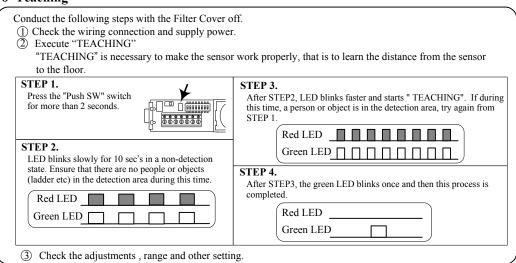


6 Timing chart of events

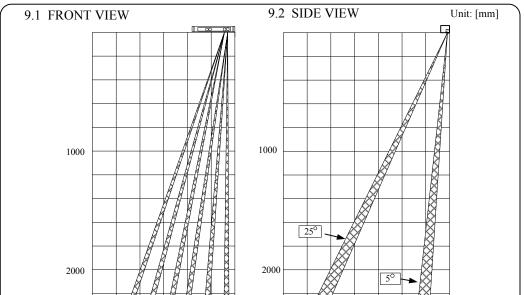


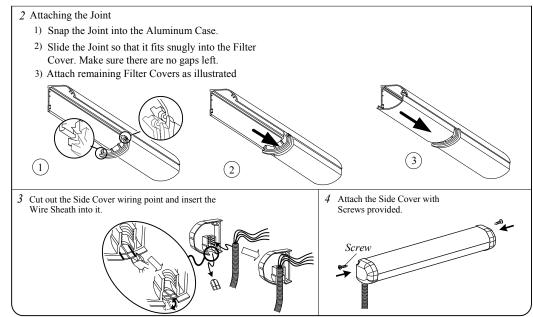


8 Teaching



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.

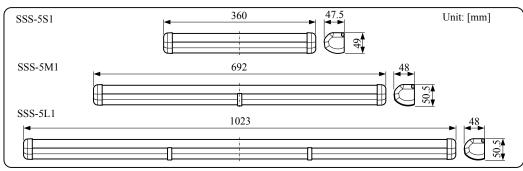
EN16005 Check that the detection area conforms to EN16005



13 Technical Data

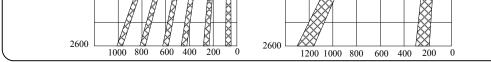
15 Technical Data						
MODEL	Safety Sensor for Swing Doors SSS-5					
TECHNOLOGY	COMPLETE STATIONARY DETECTION with PSD DISTANCE MEASUREMENT					
POWER SUPPLY	AC/DC 12~24[V] ±10%	BEAM ANGLE ADJUSTMENT	5, 10, 15, 20, 25 [degrees]			
CURRENT CONSUMPTION	95 [mA] @ DC12[V]	RESPONSE SPEED	LESS THAN 100 [mSec]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

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.							
EN ISO 13849-1:2008 /AC:2009	Safety of maching	inery	y - Safety-related parts of control system	ms.				
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							
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		Hon 1-23	tation of Declaration (Manufacture) nda Electron Co., Ltd. 3-19 Asahi-Cho,Machida-City, tyo, Japan	Declaration made by Teruya Morimoto Director Quality Assurance	Date 30 September 2015			



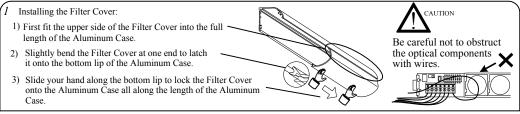
10 Detection Range Check without Filter Cover

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



<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.