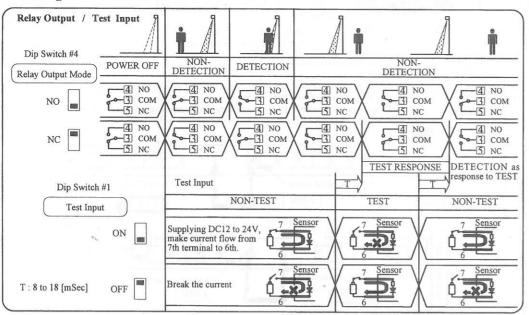
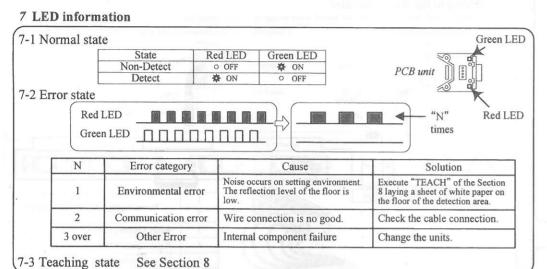
6 Timing chart of events



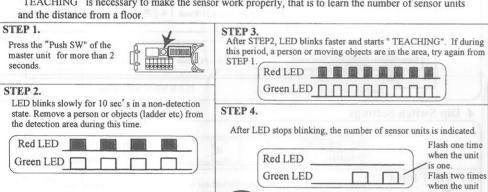


8 Teaching

Follow next steps without the Filter Cover.

① Check the wiring connection and supply power. ② Execute "TEACHING"

"TEACHING" is necessary to make the sensor work properly, that is to learn the number of sensor units

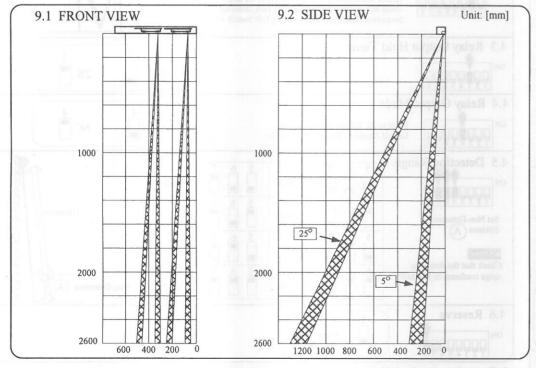


is two.

If the number of units installed and the time(s) the LED flashed are not the same, check the connection of cable, and re-start

3 Check the adjustments, range and other setting

9 Detction Area



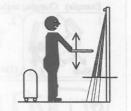
10 Detection Range Check without Filter Cover

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

After this check, Turn power off.

EN16005 Check that the detection area conforms to EN16005

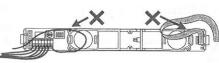
When the test is completed, go to Section 11 to install the Filter Cover and Side Cover When an error occurs, re-check the settings referring to Section 3.



11 Replacing the Filter Cover and Side Cover

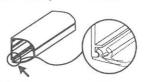
First fit the upper side of the Filter Cover along the full length of the Aluminum Case.





Be careful not to obstruct the optical components with wires.

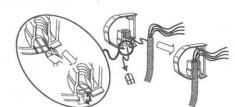
Slightly bend the Filter Cover at one end to latch it onto the bottom lip of the Aluminum Case

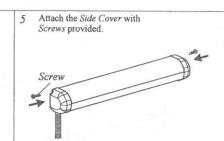


Press the Filter Cover firmly and slide your hand along the bottom of it to lock the Filter Cover onto the Aluminum Case all along the length of the Case



Cut out the Side Cover's wiring point and insert the Wire Sheath into it.





12 Final Detection Range Check

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

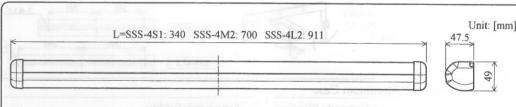
EN16005 Check that the detection area conforms to EN16005



13 Technical Data

MODEL	Safety Sensor for Swing Doors SSS-4		
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	65 [mA] @ DC12[V] 35 [mA] @ DC24[V] 1.3 [VA] @ AC12 [V] 1.7 [VA] @ AC24[V] (per each PCB unit)	RESPONSE SPEED	LESS THAN 100 [mSec]
		OUTPUT HOLD TIME	0.5 [Sec], 2 [Sec]
		DIP SW FUNCTIONS	TEST INPUT : 1 [BIT] OPTICAL INTERFERENCE : 1 [BIT] RELAY OUTPUT HOLD TIME :1 [BIT] RELAY OUTPUT MODE :1 [BIT] DETECTION RANGE:3[BIT]
RELAY OUTPUT	DC 50V 0.1 [A] NON VOLTAGE 1C		
TEST INPUT	6 [mA] Max. at 24 [VDC]		
MOUNTING HEIGHT	2.6 [m] Max		
DETECTION RANGE	0 - 2.6 [m] Max	OPERATING TEMPERATURE	-20 ∼ +60 [°C]
nie ashid of estimate yet and	felogodia state Lenoye a	WEIGHT	SSS-4S1: 350[g] APPROX. SSS-4M2: 700[g] APPROX. SSS-4L2: 850[g] APPROX.

14 Dimensions



15. EC DECLARATION OF CONFORMITY

Description of Product:

SSS-4 Safety Sensor for Swing Doors Complete stationary detetion with PSD distance measurement

Directives Fulfilled:

EN62061:2005

DIRECTIVE 2006/42/EC DIN 18650-1:2010 EN12978:2003 +A1:2009

Machinery Directive

Powered pedestrian doors Part 1: Product requirements. Chapter 5.7.4 Industrial, commercial and garage doors and gates - safety devices for power operated doors

and gates - Requirements and test methods.

Functional safety of electrical/electronic/programmable electronic safety-related systems

Safety of machinery - Safety-related parts of control systems

EN ISO 13849-1:2008

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: Langemarckstr.20 45141 Essen Germany Identification No: 0044

Harmonized Standards Used: EN ISO 13849-1:2008

Other Technical Standards Used: DIN 18650-1:2005 EN16005:2012

Compiler of Technical File (EC Community) David Morgan / Hotron Ireland Ltd 26 Dublin Street, Carlow, Ireland

Location of Declaration (Manufacture) Honda Electron Co. Ltd 1-23-19 Asahi-Cho, Machida-City,

Declaration made by Date Osamu Ishii 4 April Quality Assurance Manager 2014

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- < Disclaimer> The manufacturer cannot be held responsible for below.
- 1. Misinterpretation of the installation instructions, miss connection, negligence, sensor modification and inappropriate
- 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.

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