







12. DOOR MAINTENANCE WORK			13. SEL	13. SELF DIAGNOSTICS ERRORS				
When carrying out door maintena sensor on door controllers that are				oblems with the HR100 cates the type of problem		y a flashing Gree	en/Red LED. The frequency of	
set the dip switches as below.			Flash Frequency		LED		Cause	
Note Keep in mind to return state once door maintena	ance work has been car	ried out.	Trequency	Green 🐺 🙀	ਹ ਯਾ ਯਾ ਯਾ	Please replace	the sensor.	
Dip Switch X		Fast	Red ¥ ¥	₭∐⋇∐⋇∐⋇ ा		the sensor.		
	Low			Crear .	- <u> </u>		he sensitivity potentiometer is se re-power the sensor.	
	Ref. 8		Slow	Green *		If the error per	1	
Refer to [7.Dip Switch S	ettings].			Red \star	」 業 [] 業	Dip Switch (A	7810 Low Reflection .	
14. TROUBLESHOOT	ſING							
Problem	LED Status		Possible Cause			Solutio	n	
Door does not open when a person enters the detection area.	OFF	Sensor Connector not connected correctly. Incorrect power supply voltage.		Tighten or reconnect the connector. Apply proper voltage to the sensor. (AC/DC 12-24V)				
		Incorrect power supply voltage. Incorrect sensor wiring.			Double check sensor wiring.			
	Door Opens RED Door Closes GREEN	Object moving in the detection area.			Remove the moving object from detection area.			
Door opens and closes for no		Sensitivity too high for the installation environment.		Reduce the sensor sensitivity.				
Door opens and closes for no apparent reason (Ghosting).		Dust, frost or water droplet on the sensor lens.			Wipe the sensor lens clean and install a weather cover if necessary.			
		Detection area overlaps with that of another sensor. Detection of falling snow, insects, leaves etc.			Ensure different frequency setting for each sensor. Turn monitor mode Dip switch 父 3 to "Snow".			
When Door opens or closes,			ROW1" (•ROW2	when "Doorway	-			
LED ORANGE.	ORANUE	Learn ^a is turned ON) is focused too close to the d			Adjust detection depth of Inner 3 rows away from the door.			
	RED		Detection area changed, while ∞ infinity presence timer setting is in use.			Re-power the sensor or change the presence timer settings to 30 or 60 secs.		
		Incorrect sensor	wiring.		Double check sensor wiring.			
		Reflected signal	saturation.		Remove highly reflective objects from the detection area, or lower the sensor sensitivity.			
Door opens and remains in the open position.	GREEN/RED FAST FLASH	Internal sensor error.			Replace the sensor.			
	GREEN/RED SLOW FLASH	Reflection of the transmitted infrared signal from the floor is too low.			Increase sensor sensitivit Dip switch (X) 8 from "			
	ORANGE blinking (Slow)	Door Hold (Dip switch $\widehat{\mathbb{Y}}$ 4 set to Open).			Turn "Door Hold" Dip switch $\widehat{\mathbb{Y}}$ 4 to Auto.			
15. HR100-CT EC DE		OF CONFO	DMITV					
Compiler of Technical File (EC David Morgan Hotron Ireland Ltd 26 Dublin Street, Carlow, Irelan Ph: +353-(0)59-9140345 Fax	nd				nce detection sensor for the nology.	e activation and sa	afety of automatic doors.	
			armonized Stan EN ISO 13849-1		Other Technical Stan DIN 18650-1:2005 EN 16005:2012	dards Used:		
TUV NORD CERT GmbH			eclaration made Kaoru Musya General Manager	by r. Honda Electron	Location of Declaration Honda Electron Co., LTD. 1-23-19 Asahi-Cho, Machida-City, Tokyo, Japan		Date 9th of Nov. 2012	
EN12978:2003 Ind EN62061:2005 Fu	nctional safety of ele ty of machinery - Sa	and garage doors ctrical/electronic/	and gates - safe programmable e	ty devices for power of electronic safety-relate	operated doors and gates	s - Requirements	s and test methods	
< Disclaimer > The manufact		responsible for	below.					
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d:	Other Technical Standards Used: DIN 18650-1:2005 EN 16005:2012	
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