







When carrying out door maintena ensor on door controllers that are	nce work with power wired to "test" the se	applied to the ensor ensure to	Technical pro flashing indic	oblems with the H ates the type of pr	R100-CT senso oblem as explai	or are indicated by	y a flashing Gree	n/Red LED. The frequency of	
Keep in mind to return the dip switch settings to their original			Flash Frequency		LED			Cause	
state once door maintenal Dip Switch $X$	nce work has been car Dip Switch $(Y)$ $\downarrow 1 2 3 4$	ried out.	Fast	Green <b>★</b> Red <b>★</b>		¥¥	Please replace	the sensor.	
Refer to [7.Dip Switch Se	Low 4 Ref. 1		Slow	Green Red 🔺	*	*	Confirm that th maximum and If the error pers Dip Switch (Y)	e sensitivity potentiometer is set to re-power the sensor. sists, set 4 to "Low Reflection".	
4. TROUBLESHOOT	TING								
Problem	LED Status		Possible Cau	ise		Solution			
Door does not open when a erson enters the detection rea.	OFF	Sensor Connector not connected correctly. Incorrect power supply voltage. Incorrect sensor wiring.			Tighten Apply pr Double of	Tighten or reconnect the connector. Apply proper voltage to the sensor. (AC/DC 12-24V) Double check sensor wiring.			
boor opens and closes for no pparent reason (Ghosting).	Door Opens BLUE or RED or RED FAST FLASH or RED SLOW FLASH	Object moving in the Sensitivity too hig Dust, frost or wate Detection area over	he detection area. h for the installation environment. r droplet on the sensor lens. erlaps with that of another sensor.		Remove Reduce Wipe the Ensure d	Remove the moving object from detection area. Reduce the sensor sensitivity. Wipe the sensor lens clean and install a weather cover if necessary. Ensure different frequency setting for each sensor.			
	GREEN	Detection of falling snow, insects, leaves etc.			Turn mo	Turn monitor mode Dip switch ② 3 to "Snow".			
When Door opens or closes, ED ORANGE.	ORANGE	Detection row "ROW1" ("ROW2" when "Doorway Learn" is turned ON) is focused too close to the door.			r. Adjust d	Adjust detection depth of Inner 3 rows away from the door.			
Door opens and remains in the pen position.	RED or RED FAST FLASH or RED SLOW FLASH	Detection area changed, while $\infty$ infinity presence timer setting is in use.			Re-powe	Re-power the sensor or change the presence timer settings to 30s or 60 s.			
		Incorrect sensor wiring. Reflected signal saturation.			Double of Remove area, or 1	Double check sensor wiring.           Remove highly reflective objects from the detection area, or lower the sensor sensitivity.			
	GREEN/RED FAST FLASH	Internal sensor error.			Replace	Replace the sensor.			
	GREEN/RED SLOW FLASH	Reflection of the transmitted infrared signal from the floor is too low.			Increase Dip swit	Increase sensor sensitivity or change the "Reflection Diagnostics" Dip switch $\bigcirc$ 4 from "Normal" to "Low Ref".			
	ORANGE SLOW FLASH	Door Hold (Dip switch (2) 4 set to Open).			Turn "E	Turn "Door Hold" Dip switch (2) 4 to Auto.			
<b>5. HR100-CT EU DE</b> <b>Compiler of Technical File (EC C</b> David Morgan Hotron Ireland Ltd. 26 Dublin Street, Carlow, Ireland Ph: +353 5991 40345 Fax: +35	CLARATION Community)	OF CONFOR Description of Proc HR100-CT Combi Technology used i	RMITY duct: ined motion and is Active Infrare	l presence detectio d Technology.	n sensor for the	e activation and sa	afety of automatic	e doors.	
Directives Fulfilled:           DIRECTIVE 2006/42/EC           DIN 18650-1:2010         Pc           EN12978:2003+A1:2009         Im           EN ISO 13849-1:2015         Sa           EN 16005:2012+AC2015         Po           EC-type examination         No	wered pedestrian do dustrial, commercial fety of machinery - S wer operated pedestr o. 44 205 13738003	ors - Part 1: Produc and garage doors a Safety-related parts ian doorsets - Safe	ct requirements and gates - safe of control syst ety in use - Req	s and test method ty devices for po tems - Part 1:Gen uirements and te:	s wer operated o eral principles st methods	doors and gates s for design (ISC	- Requirements ) 13849-1:2015)	and test methods.	
bove EC Type Directives Certified by: 0044 TÜV NORD CERT GmbH, Division TechnologyAm TÜV1 Essen 45307 Germany		Harmonized Standards Used: EN ISO 13849-1:2015				Other Technical Standards Used: DIN 18650-1:2010 EN 16005:2012+AC:2015			
		Location of Declaration(Manufacture)DecHOTRON GROUP Honda Electron Co., Ltd.H1-23-19 Asahimachi, Machida-shi,DTokyo 194-0023, JapanD			Declaration Hitoshi Tak Director (Q	eclaration made by Hitoshi Takagi Director (Quality Assurance)		Date June 30, 2022	
Disclaimer > The manufactu Misinterpretation of the inst Damage caused by inapprop Accidents or damages cause Losses of business profits, b Amount of compensation be	rer cannot be held r allation instructions wriate transportation d by fire, pollution usiness interruption yond selling price in a	responsible for be s, miss connection abnormal voltag is, business inforr all cases.	low. n, negligence, e, earthquake, nation losses :	sensor modifica thunderstorm, v and other financ	tion and inap vind, floods a ial losses cau	propriate instal and other acts o sed by using th	lation. f providence. e sensor or ma	function of the sensor.	

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MP-10246-D	22.08
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