

## 1. Safety instructions

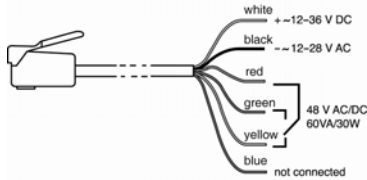
- This document is not a replacement for the user's guide. Please refer to the user's guide for more details.
- DO NOT LEAVE ANY PROBLEM UNRESOLVED. NEVER SACRIFICE SAFETY FOR ANY REASON

## 2. Installation

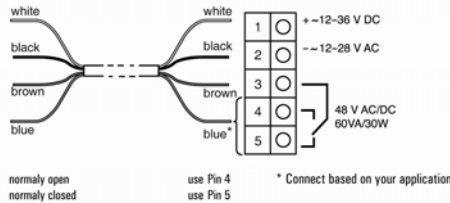
Install the sensor on the door header/wall or ceiling using mounting template and screws.

## 3. Electrical Connections

### RJ12



### Plug-in screw terminal



The unit is ready for set-up when supply voltage has been connected, and the green LED has flashed several times.

### 4a. Manual set-up [w/o RC Duo remote control]

Please refer to user's guide for details, including sensitivity, convenience functions, frontal and lateral angle [for depth lateral position], wide and narrow sensing field [with or without antenna clip]

### 4b. Remote set-up [with RC Duo remote control]

Press the «G» key on the RC Duo

- If the connection has been established successfully, «G» and one of the keys "1" to "4" light up (address of the sensor).
- If «G» flashes, connection could not be established.

- **Flashing keys** on the RC Duo indicate that the data has not been fully transmitted. **Permanently illuminated keys** on the remote indicate that settings have been saved.

**Always start with a convenience function and fine tune if needed.** For Example, the set up for a Sensor on a Supermarket Sliding Door at the height of 8ft could look like following:

- Step 1 establish connection to the sensor      press key G      one of the keys «1» to «4» light up
- Step 2 set up comfort function "supermarket"      press key C then 5      settings for a supermarket environment are set up
- Step 3 adjust the preset mounting height      press key F then 4 then 2      this will change the mounting height to 8ft

### RC Duo complete settings table [factory default settings are highlighted]

Function name	Function Key	Description
Convenience settings	C + 1	Standard/factory settings
	C + 2	Sidewalk
	C + 3	Retirement home
	C + 4	Vestibule
	C + 5	Supermarket
	C + 6	High mounting
Mounting height	F + 4	1 9.8-13.2ft
		2 6.5-9.8ft
One way / Tow way detection*	B +	ON: one way detection
		OFF: two way detection
Direction definition * (only if < B > is on)	E +	1 Forward
		2 Backward
Field size (sensitivity) use the clip for extra wide fields	D +	1 - 3 Small field
		4 - 6 Medium field
		7 - 9 Large field
Output hold open time	F + 1 +	1 0.25 sec
		2 0.5 s
Output signal	F + 2 +	1 Active: output signal is < activated > when detection takes place
		2 Passive: output signal is < deactivated > when detection takes place
Slow motion detection (SMD)	F + 3 +	1 OFF
		2 - 5 Decreasing sensitivity
		7 - 9 Constant sensitivity
SMD field size	F + 7 +	1 - 3 Small
		4 - 6 Medium
		7 - 9 Large
Cross traffic* optimizing	F + 5 +	1 - 3 Small
		4 - 6 Medium
		7 - 9 High
Interference suppression	F + 6 +	1 ON
		2 OFF
Open door	A +	1 Open door manually for 15 min. After that time, back to automatic mode (sensor is active)
		2 Automatic

\* These functions are available with the Reflex ES only

### Contact

For any issues, please call Bircher Reglomat at 800.252.1272 Monday through Friday, 8 AM to 5 PM central standard time. You may also visit our website at [www.bircherreglomat.com](http://www.bircherreglomat.com)

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