



# SOYAL R-101-PBI-L Touch-Less Infrared Sensor Push Button Instruction Manual

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**SOYAL R-101-PBI-L Touch-Less Infrared Sensor Push Button**



## Installation

The shape of mounting plate is optional on demands.



a.



b.



c.



d.



e.



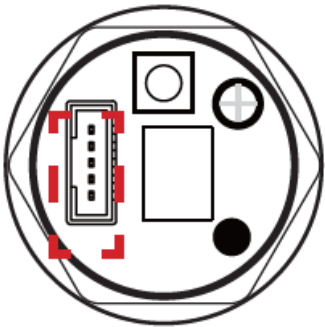
f.

## DIMENSIONS



- a.DMET-101PJ01 (Stainless steel plate)
- b.DMET-101PJ05 (Stainless steel plate)
- c.DMET-101PJ03 (Stainless steel plate)
- d.AR-PB-6A ( plastic panel)
- e.AR-PB-7A ( plastic panel)
- f.AR-PB-8A ( plastic panel)

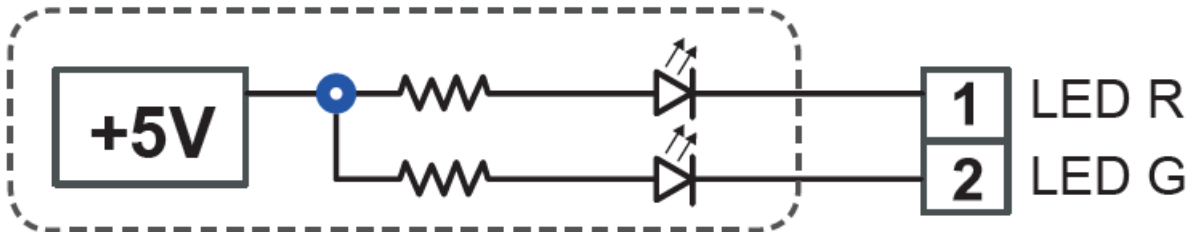
### Connector Table



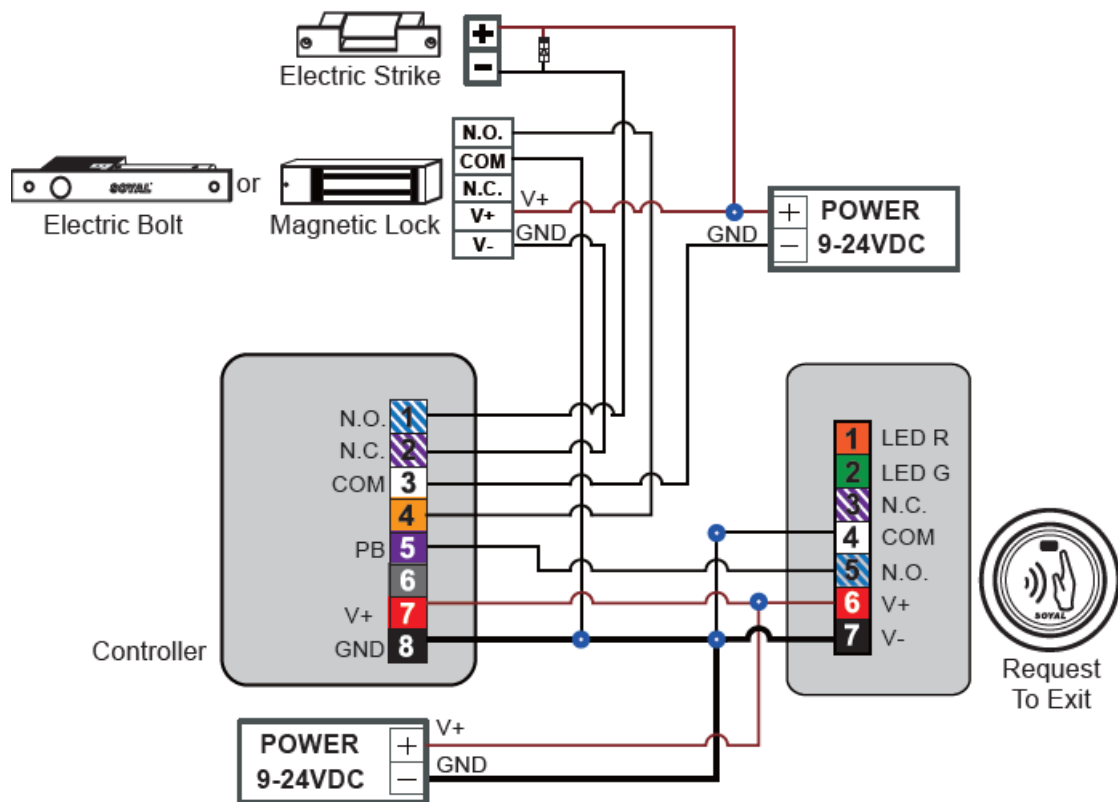
- When POWER is not wired, AR-101-PBI-L become powerless, it can still open door by hard press it.
- When powering on, the sensing area could not be shielded to avoid affecting the sensing distance.

| Function        |      | Cable | Color           | Description        |
|-----------------|------|-------|-----------------|--------------------|
| LED R(Optional) |      | 1     | Orange          | Red LED negative   |
| LED G(Optional) |      | 2     | Green           | Green LED negative |
| Relay           | N.C. | 3     | Purple<br>White | DC24V / 1A         |
|                 | COM  | 4     | White           | DC24V / 1A         |
|                 | N.O. | 5     | Blue<br>White   | DC24V / 1A         |
| Power           |      | 6     | Red             | DC 9-24V           |
|                 |      | 7     | Black           | DC 0V              |

Controller has built-in resistor and connected to +5VDC, external power supply current must be exceeding 20mA

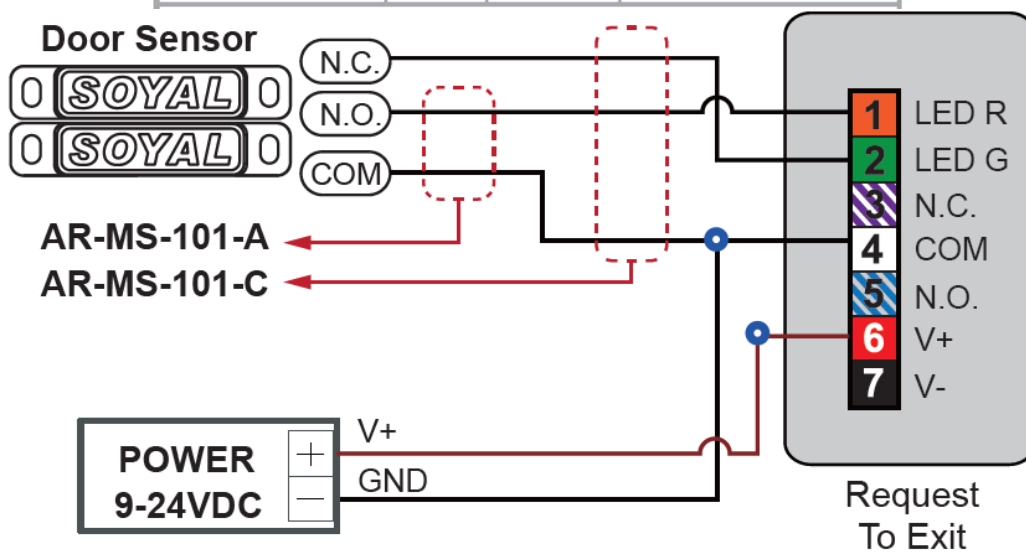


### Wiring Diagram

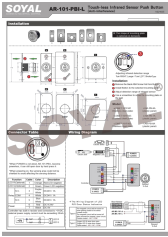


The Wiring Diagram of LED R/G Door Status Indication

| Function        |      | Cable | Color           | Description        |
|-----------------|------|-------|-----------------|--------------------|
| LED R(Optional) |      | 1     | Orange          | Red LED negative   |
| LED G(Optional) |      | 2     | Green           | Green LED negative |
| Relay           | N.C. | 3     | Purple<br>White | DC24V / 1A         |
|                 | COM  | 4     | White           | DC24V / 1A         |
|                 | N.O. | 5     | Blue<br>White   | DC24V / 1A         |
| Power           |      | 6     | Red             | DC 9-24V           |
|                 |      | 7     | Black           | DC 0V              |



Documents / Resources

|                                                                                   |                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><a href="#">SOYAL R-101-PBI-L Touch-Less Infrared Sensor Push Button</a> [pdf] Instruction Manual<br/>R-101-PBI-L Touch-Less Infrared Sensor Push Button, R-101-PBI-L, Touch-Less Infrared Sens<br/>or Push Button, Infrared Sensor Push Button, Sensor Push Button, Push Button, Button</p> |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|