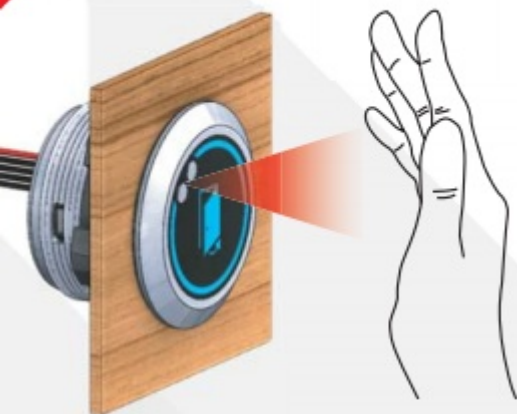


Contacless Infrared Sensor Switch **SF30BF**



Feature

- Infrared non-contact switch
- Reduce germ contact and infection
- Two-color indicator light (on/sensing)
- Long operating life
- Sensing distance can be adjusted
- Front Panel IP67

Application

- Industrial equipment
- Medical equipment
- Elevator button
- Door switch

Configuration

/ Relay Type (SF30BF1)

Pin	Function
1	SW N.O.
2	SW COM.
3	SW N.C
4	GND
5	VCC 7~24V



General Specifications

Operating Voltage : 7~24 VDC
 Operating Temperature : -20 °C ~ +70 °C
 Two color LED : Green/Red or Blue/Red
 Reflection distance : 5 cm Max.

Output by Relay (SF30BF1)

Contact Resistance : 500 mΩ Max.
 Load Rating : 1A@30 VDC
 / 0.3A@125VAC
 Maximum Current : 2A
 Maximum Voltage : 250VAC / 220VDC
 Maximum Power : 62.5VA/60W
 Mechanical life : 500,000 cycles Min.

Output by Photo Coupler (SF30BF2)

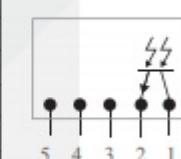
Collector-Emitter Voltage : 35V
 Collector Current : 50mA
 output type : NPN

Materials

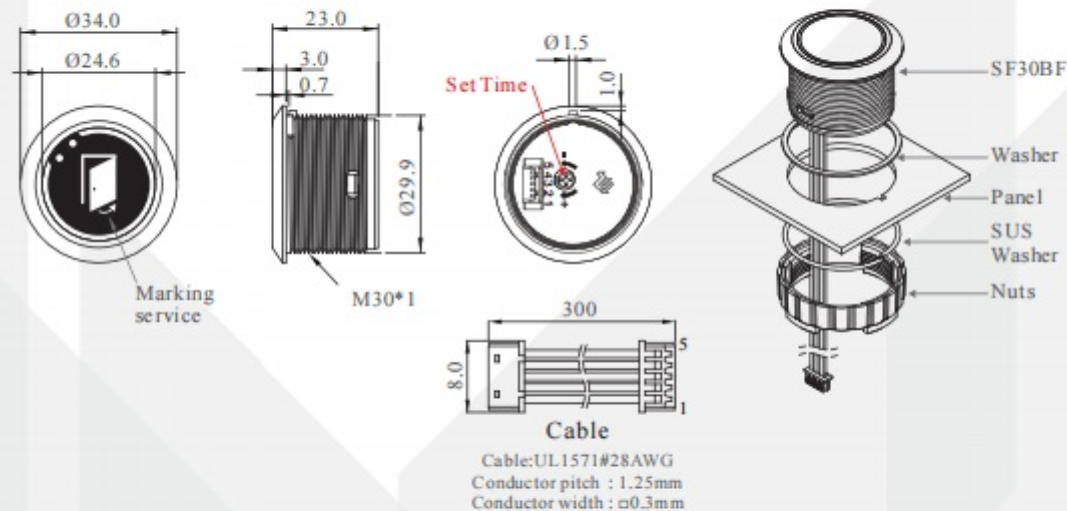
Housing : Aluminum
 Cap : Polycarbonate (PC)
 Washer : NBR
 SUS Washer : SUS
 Nuts : Polyamide(PA)

/ Photo Coupler Type (SF30BF2)

Pin	Function
1	Collector
2	Emitter
3	Feedback
4	GND
5	VCC 7~24V



Dimension & Installation Notes



How to order



SF30BF171001

Relay / Blue & Red LED /
 Silver Housing /
 Transparent cap with Marking 1



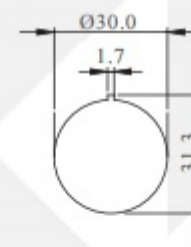
SF30BF231502

Photo Coupler / Green & Red LED /
 Black Housing /
 Transparent cap with Marking 2

※ Color is subject to actual product.

※ We provide Customize Marking service.

Panel cutting



Panel cutting
 Panel thickness :
 1.5~4.0mm

