

# TOUCH-FREE INFRARED SWITCHES

## SBI SERIES



Touch-free switches for high-traffic public environments. Safe, distant activation of devices, light switches, door controls, sanitary dispensers, elevators, exit switches and more. Easily installed, cost-effective, hygienic.

### Specifications

Sensor type	Infrared
Detection range	5-80cm / 2-32" adjustable
Housing materials	STS 316, STS 304, aluminum, chrome-plated brass
Functions	On/off, momentary, pro-longed
Visual feedback	Dot LED in sensor housing
Programmable	Field programmable (optional)
Connectivity	Ability to connect IOT module (Bluetooth, WiFi)

### Product types

Exit switch	IR ES 28
Smart switch	IR SS 28
Sanitary applications	IR SA 28

- Programmed for faucets, urinals, toilets & showers
- Ability to operate any type of solenoid valve

### Electrical data

Operating voltage	6 - 24 V DC
Switching voltage	3V-24V DC (AC optional)
Switching power	Up to 2A standard (optional high current by relay)
Switching output	Voltage out, open collector or dry contact
Operating current	25 $\mu$ A in standby mode

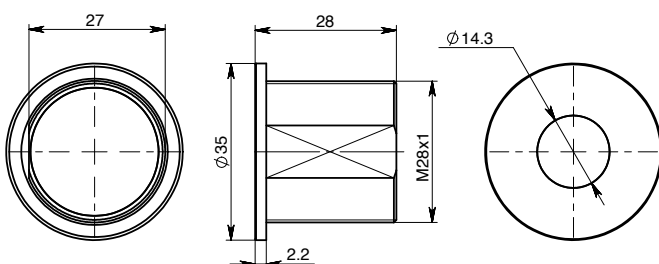
### Mechanical data

Operating cycles	> 1,000,000
Housing mounting diameter	22 mm or 28 mm
Wiring	Standard wires (special connectors are available upon request)

### Environmental data

Operating temperature	-20C to +75C / -4°F-167°F
Storage temperature	-40C to +80C / -40°F-180°F
IP protection	IP67

### Technical Drawing



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## Type SBI

	Diameter	Function Current	Voltage	Connection	Voltage	Material	Color
<b>SBI</b>							

<p><b>11</b> 22 mm mounting</p> <p><b>33</b> 28 mm mounting</p>	<p><b>A</b> Standard Open Collector</p> <p><b>D</b> Dry Contact</p> <p><b>P</b> Programmable (remote control)</p> <p><b>V</b> Voltage Output</p>	<p><b>B</b> 1Amp standard</p> <p><b>C</b> 2Amps and above are custom</p>	<p><b>P</b> Pins</p> <p><b>W</b> Wires 24 AWG 30cm standard</p> <p><b>C</b> Cable 60cm standard</p>	<p><b>12</b> 12 Volt</p> <p><b>24</b> 24 Volt</p>	<p><b>1</b> Aluminum type 6061 T651</p> <p><b>2</b> Stainless steel type 316</p> <p><b>3</b> Chrome Plated Brass</p>	<p><b>N</b> Natural (only option for Steel)</p> <p><b>B</b> Black</p> <p><b>R</b> Red</p> <p><b>G</b> Green</p> <p><b>O</b> Gold</p> <p><b>L</b> Blue</p>
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