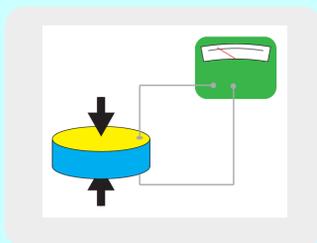


22mm Piezo Switch, BPS (Basic Piezo Switch)

Illuminated and non illuminated, momentary and prolonged pulse

Description

- BPS: Basic Piezo Switch
- based on the piezoelectric principle which is the ability of some materials (crystals and certain ceramics), to generate an electric pulse in response to applied mechanical stress



Material

- ✓ Stainless steel
- ✓ Aluminum (multiple colors)
- ✓ Brass
- ✓ None metal

Characteristics

- One piece solid metal
- Vandal proof
- No moving parts
- > 10M operating cycles
- No power consumption
- Completely sealed – IP69K
- Weather proof
- Easy installation

Applications

- Food processing, food packaging
- Ticketing machines, parking machines
- Medical / Pharmaceutical
- Water pressure
- Off shore environment
- Clean rooms



Environmental Specs

Sealing	IP68; IP 69K
Operating temperature	-40°C to +85°C
Vibration resistance	5-500Hz/9.4m
Shock resistance	75g
RoHS compliance	

Certifications

CFR 47 (FCC)
CE EMC

Specifications

Type	BPS momentary
Maximum current	24V AC/DC
Switch resistance "On":	<1Ω
Switch resistance "Off"	>5MΩ
Capacitance	100pF
Switching current (momentary)	1A
Switching current (prolonged)	300 mA
Switching pulse time (momentary)	up to 300 ms
Switching pulse time (prolonged)	up to 6 sec.
Power consumption:	
non illuminated	none
LED illuminated	5V/12V/24V AC/DC
Actuating force, typically	3-5 N
Life cycle	>10 M

