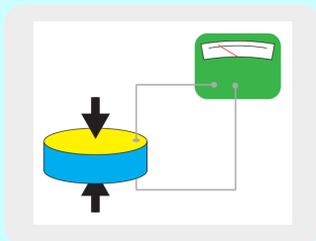


## 16mm Piezo Switch, BPS (Basic Piezo Switch) non illuminated, momentary and prolonged pulse

### 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



### Characteristics

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



### Material

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

### Applications

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



## Environmental Specs

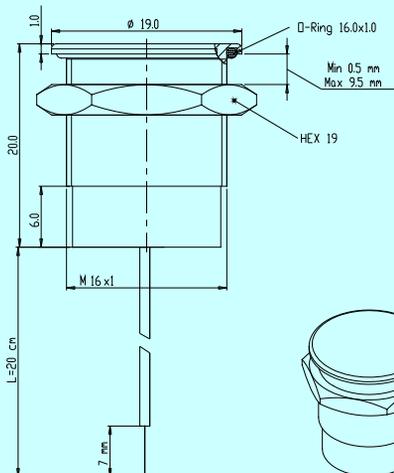
Sealing	IP68; IP69K
Operating temperature	-40°C to +85°C
Vibration resistance	5-500Hz/9.4m
Shock resistance	75g
RoHS compliance	

## 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:	none
Actuating force, typically	3-5 N
Life cycle	>10 M



-Rated voltage 0-24 V AC/DC  
-Switch current 1A  
-Switch pulse time up to: 300 msec

