

Unlike traditional switches **Piezo** switches have **no moving mechanical parts** making them **extremely durable**, withstanding millions of actuations and requiring little to no maintenance.



Piezo Switches  
**16mm Stainless Steel**

Non Illuminated

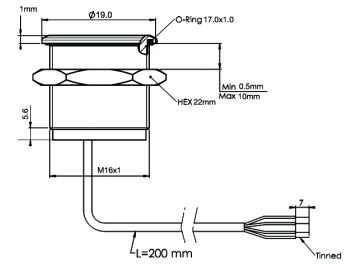


16MM Stainless Steel Non Illuminated



MPZ016

- Non Illuminated
- 20 cm lead
- Flathead or Guided profile



**Specification**

**MPZ016**

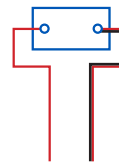
Type	Momentary
Material	Stainless Steel (Aluminium upon request)
Maximum Voltage	24V AC/DC
Switch Resistance "ON"	<1Ω
Switch Resistance "OFF"	5MΩ
Capacitance	100pF
Switching current (momentary)	1A Max
Switching current (prolonged)	300 mA
Switching pulse time (momentary)	up to 0.3 sec
Actuating force, typically	3-5 N
Life cycle	>10 Million

**Environmental Specification**

Sealing	IP68; IP69K
Operating temperature	-40°C to +85°C
Vibration resistance	5-500Hz/9.4m
Shock resistance	75g (g-force)
<b>RoHS</b>	Compliant

**Circuit Specification**

16MM Stainless Steel Non Illuminated



Switch voltage	24V AC/DC
Switch Current	1A Max
Power Supply	24V AC/DC

Piezo Switches  
**19mm Stainless Steel**

Illuminated and Non Illuminated

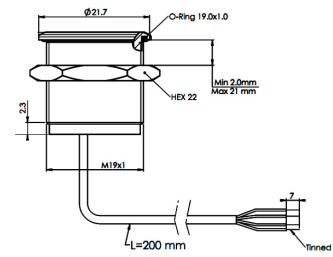


19MM Stainless Steel Illuminated

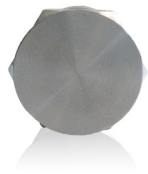


**MPZI019**

- Blue Illumination
- 20 cm lead
- Flathead

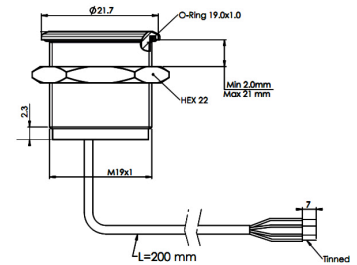


19MM Stainless Steel Non Illuminated



**MPZ019**

- Non Illumination
- 20 cm lead
- Flathead



**Specification**

**MPZ019, MPZI019**

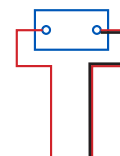
Type	Momentary
Material	Stainless Steel (Aluminium upon request)
Maximum Voltage	24V AC/DC
Switch Resistance "ON"	<1Ω
Switch Resistance "OFF"	5MΩ
Capacitance	100pF
Switching current (momentary)	1A Max
Switching current (prolonged)	300 mA
Switching pulse time (momentary)	up to 0.3 sec
LED Illumination	24V AC/DC
Actuating force, typically	3-5 N
Life cycle	>10 Million

**Environmental Specification**

Sealing	IP68; IP69K
Operating temperature	-40°C to +85°C
Vibration Resistances	5-500Hz/9.4m
Shock resistance	75g (g-force)
<b>RoHS</b>	Compliant

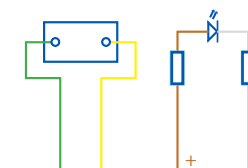
**Circuit Specification**

19MM Stainless Steel Non Illuminated



Switch voltage 24V AC/DC  
 Switch Current 1A Max  
 Power Supply 24V AC/DC

19MM Stainless Steel Illuminated

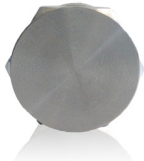




Switch voltage 24 V AC/DC  
 Switch Current 1A Max  
 Colour\* Illuminated 24V AC/DC  
 Power Supply 24V AC/DC

Piezo Switches  
**22mm Stainless Steel**




Illuminated and Non Illuminated



<p>22MM Stainless Steel Non Illuminated</p>  <p>MPZ022</p>	<ul style="list-style-type: none"> <li>○ Non Illumination</li> <li>○ 20 cm lead</li> <li>○ Flathead</li> </ul>	
<p>22MM Stainless Steel Illuminated</p>  <p>MPZI022</p>	<ul style="list-style-type: none"> <li>○ Red or Green Illumination</li> <li>○ 1 colour</li> <li>○ 20 cm lead</li> <li>○ Flathead</li> </ul>	
<p>22MM Stainless Steel Illuminated</p>  <p>MPZI022</p>	<ul style="list-style-type: none"> <li>○ Red and Green Illumination</li> <li>○ (2 colour)</li> <li>○ 20 cm lead</li> <li>○ Flathead</li> </ul>	

Specification	MPZ022, MPZI022
Type	Momentary
Material	Stainless Steel (Aluminium upon request)
Maximum Voltage	24V AC/DC
Switch Resistance "ON"	<1Ω
Switch Resistance "OFF"	5MΩ
Capacitance	100pF
Switching current (momentary)	1A Max
Switching current (prolonged)	300 mA
Switching pulse time (momentary)	up to 0.3 sec
LED Illumination	24V AC/DC
Actuating force, typically	3-5 N
Life cycle	>10 Million

Environmental Specification	
Sealing	IP68; IP69K
Operating temperature	-40°C to +85°C°
Vibration Resistances	5-500Hz/9.4m
Shock resistance	75g (g-force)
<b>RoHS</b>	Compliant

Circuit Specification		
22MM Stainless Steel Non Illuminated		
	Switch Voltage	24 AC/DC
	Switch Current	1A Max
	Power Supply	24V AC/DC
22MM Stainless Steel Illuminated 1 colour		
	Switch Voltage	24V AC/DC
	Switch Current	1A Max
	Color* Illuminated	24V AC/DC
	Power Supply	24 AC/DC
22MM Stainless Steel Illuminated 2 colour		
	Switch Voltage	24V AC/DC
	Switch Current	1A Max
	Color* Illuminated	24V AC/DC
	Power Supply	24 AC/DC

Piezo Switches  
**22mm Stainless Steel Flathead**

Illuminated

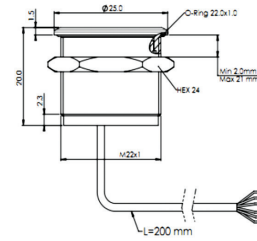


22MM Stainless Steel Illuminated



MPZI022/L

- Blue Illumination
- 1 colour
- 20 cm lead



**Specification**

**MPZI022/L**

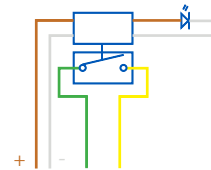
Type	Latching Toggle
Material	Stainless Steel (Aluminium upon request)
Power Supply	24V AC/DC
Switching voltage	48V AC peak/DC
Switch Resistance "ON"	<0.7Ω
Switch Resistance "OFF"	>1000MΩ
Capacitance	<90pF
Switching current	1A Max
LED Illumination	24V AC/DC
Actuating force, typically	3-5 N
Life cycle	>10 Million

**Environmental specification**

Sealing	IP68; IP69K
Operating temperature	-40°C to +85°C
Vibration Resistances	5-500Hz/9.4m
Shock resistance	75g (g-force)
<b>RoHS</b>	Compliant

**Circuit Specification**

22MM Stainless Steel Latching Toggle Illuminated



Power Supply	24V AC/DC
Switch Voltage	48V AC peak/ DC
Switch Current Max	1A Max
Colour* Illuminated	24V AC/DC

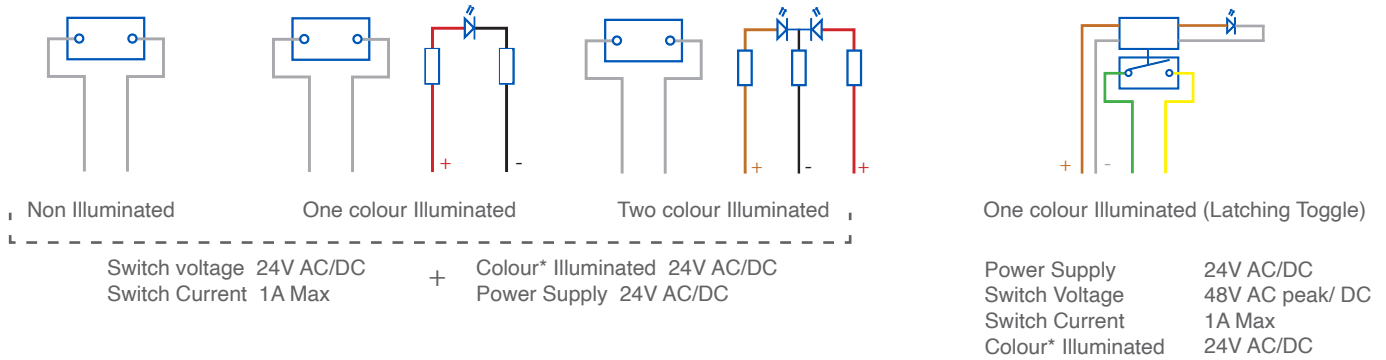
**Part No System**

<b>MPZ</b>	<b>/</b>	<b>016</b>	<b>/</b>	<b>X</b>	<b>/</b>	<b>XX</b>	<b>/</b>	<b>X</b>	<b>/</b>	<b>X</b>
<b>Series</b> MPZ - Non Illuminated MPZI- Illuminated		<b>Body Diameter</b> 016 = 16mm 019 = 19mm 022 = 22mm		<b>Profile</b> F = Flat Head G = Guided Profile		<b>Colour</b> BL = Blue RD = Red GN = Green D1 = Red and green		<b>Led Voltage</b> 24v		<b>Type</b> L = Latching Toggle (No Suffix= Momentary)

**Examples:**

MPZ022/F = Non Illuminated Piezo, 22mm, Flathead  
 MPZI022/F/RD/24 = Illuminated Piezo, 22mm, Flathead, Red Illumination, 24 volt  
 MPZI022/G/BL/24/L = Illuminated Piezo, 22mm, Guided Profile, Blue Illumination, 24 volt, Latching Toggle

**Circuit Specifications**



Other switches are available upon request\*