

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

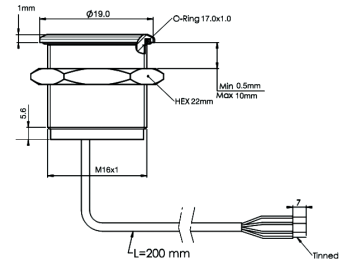


16MM Stainless Steel Non Illuminated



MPZ016

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



Specification

MPZ016

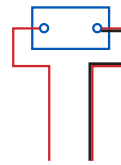
| | |
|----------------------------------|---|
| Type | Momentary |
| Material | Stainless Steel (Aluminium upon request) |
| Maximum Voltage | 24V AC/DC |
| Switch Resistance "ON" | <1Ω |
| Switch Resistance "OFF" | 5MΩ |
| Capacitance | 100pF |
| Switching current (momentary) | 1A Max |
| Switching 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) |
| RoHS | 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

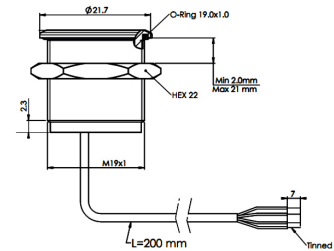


19MM Stainless Steel Illuminated



MPZI019

- Blue Illumination
- 20 cm lead
- Flathead

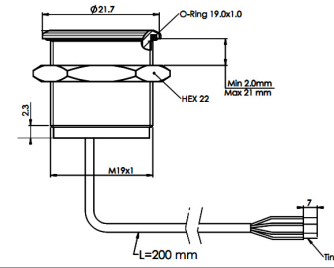


19MM Stainless Steel Non Illuminated



MPZ019

- Non Illumination
- 20 cm lead
- Flathead



Specification

MPZ019, MPZI019

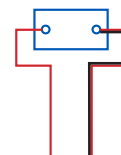
| | |
|----------------------------------|---|
| Type | Momentary |
| Material | Stainless Steel (Aluminium upon request) |
| Maximum Voltage | 24V AC/DC |
| Switch Resistance "ON" | <1Ω |
| Switch Resistance "OFF" | 5MΩ |
| Capacitance | 100pF |
| Switching current (momentary) | 1A Max |
| Switching 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) |
| RoHS | Compliant |

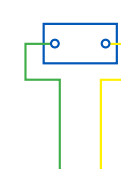
Circuit Specification

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

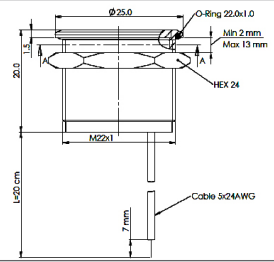


22MM Stainless Steel Non Illuminated



MPZ022

- Non Illumination
- 20 cm lead
- Flathead

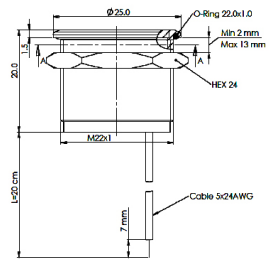


22MM Stainless Steel Illuminated



MPZI022

- Red or Green Illumination
- 1 colour
- 20 cm lead
- Flathead

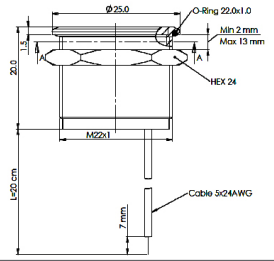


22MM Stainless Steel Illuminated



MPZI022

- Red and Green Illumination
- (2 colour)
- 20 cm lead
- Flathead



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) |
| RoHS | Compliant |

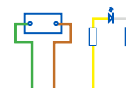
Circuit Specification

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 |

Part No System

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

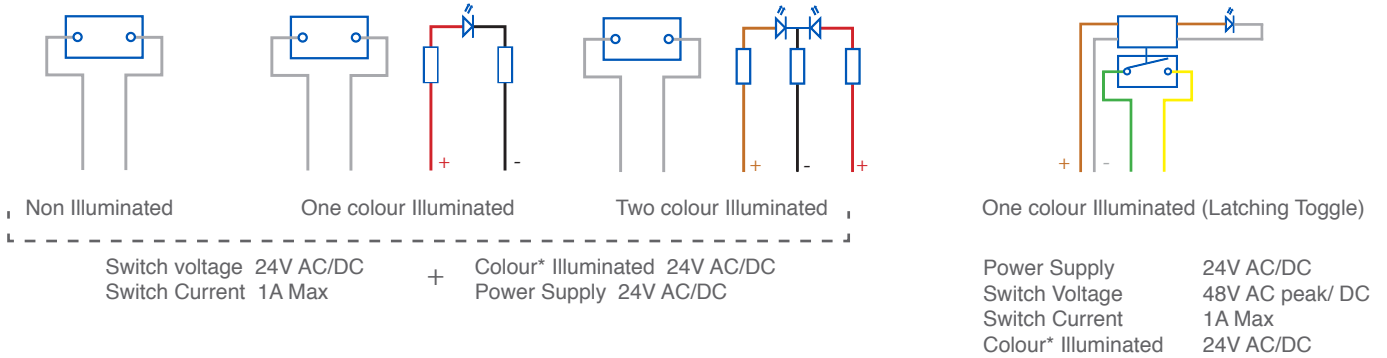
Examples:

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*



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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