



Description

The M3 series is an anti-vandal sealed push button switch with glue filling & wires that offers the industry standard ring illuminated version in 16mm, 19mm, 22mm diameter. The max current can be reach to 20A. The push button switches use a scratch resistant actuator and housings are made of robust stainless steel particularly suitable for use in equipment subjected to harsh conditions or applications that require protection from vandalism. Entire assembly component is waterproof.

The M3 series push buttons meet the seal protection and impact resistance ratings of IP68 hat design to withstand the possible extreme outdoor environmental and may subject to abuse.

Also, the M3 series comes with a variety of LED colors as illuminated push buttons and various of indicators on the actuator that meet your application needs.

Features&Benefits

- Momentary or Latching version
- IP68 waterproof, Entire assembly component is waterproof
- Max. Current: 20A
- Single LED color or Dual LED color
- Mounting hole size: 16mm, 19mm, 22mm
- Various colors of LED illuminate indicator
- Choices of push button with symbol on spot, ring or power logo

Applications

- Marine
- Control Panels including Car park and traffic light
- Industrial Instruments

Specifications

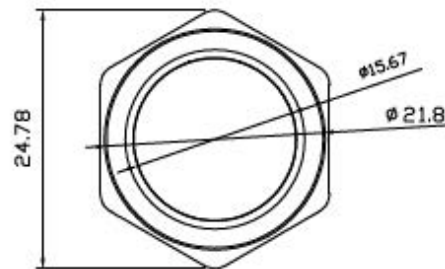
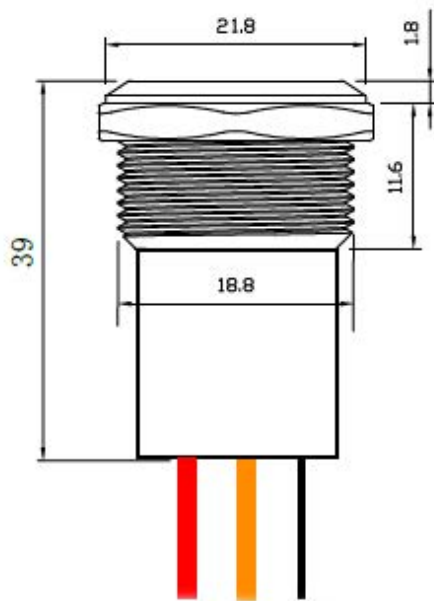
Product specifications	HJS- □ / △ / ● / ☆	Mechanical life	More than 1,000,000 times
Head shape	Flat head	Electrical life	More than 200,000 times
Bottom con igation	Red, orange, black harness, standard 15cm	Panel thickness	1~5mm
Heating current Ith	20A	Nut torque	5~14Nm
Contact resistance	≤ 50mΩ	Operating pressure	About 4N
Insulation resistance	≥ 1000MΩ	Operation travel	About 1.5mm
Dielectric strength	2000VAC	Materials	Pedestal PA
Ambient temperature	-20℃ ~+80℃		Housing Stainless steel
Protection level	IP67 IK08		Button Stainless steel
RoHS	Customizable	Contact point	Silver alloy contact
LED specification	Built-in lamp beads		
	LED color	     Three or two colors can be customized	
	Ue Rated voltage Ue	6V/12V/24V/36V/48V	
	Ie Rated current Ie	3 to 48V About 15mA 110 to 220V about 2mA	
	LED life	40000 hours	

Note: If unidirectional DC LED lamp beads are required, they can be customized; Other voltage specifications can be customized as required.

Drawing

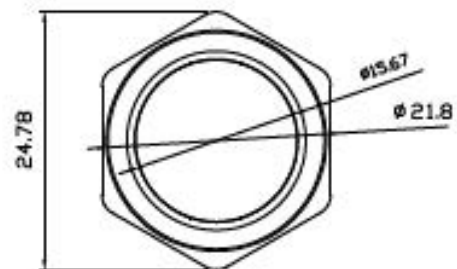
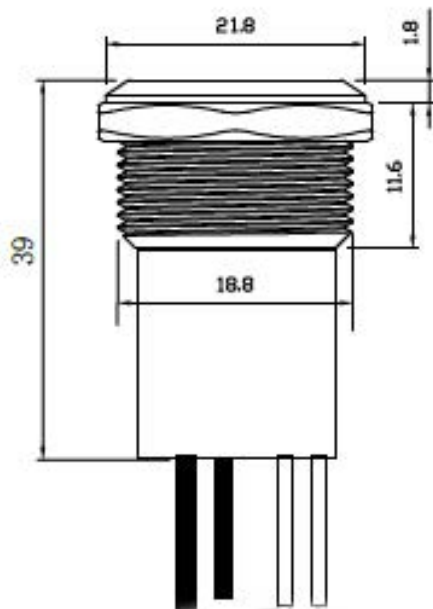
Mounting hole size: 19mm

3 Wires



Standard length of wire harness is 15cm
Other length can be customized

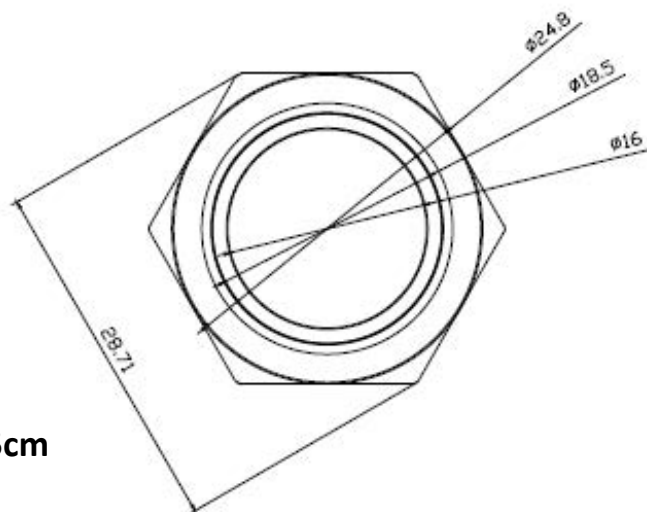
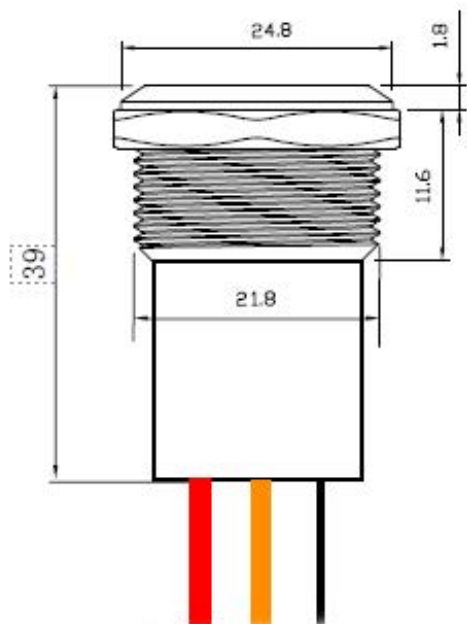
4 Wires



Standard length of wire harness is 15cm
Other length can be customized

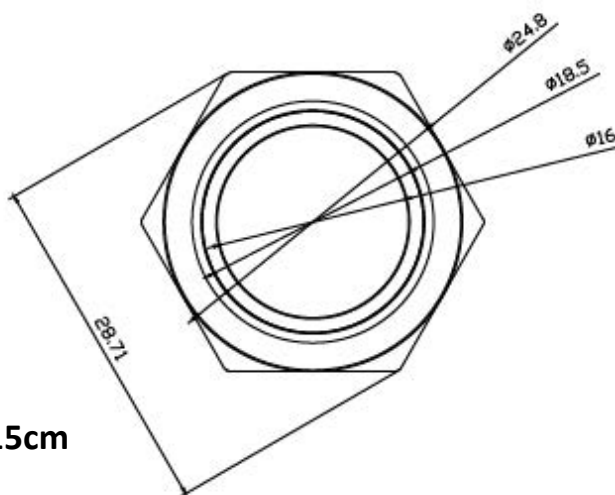
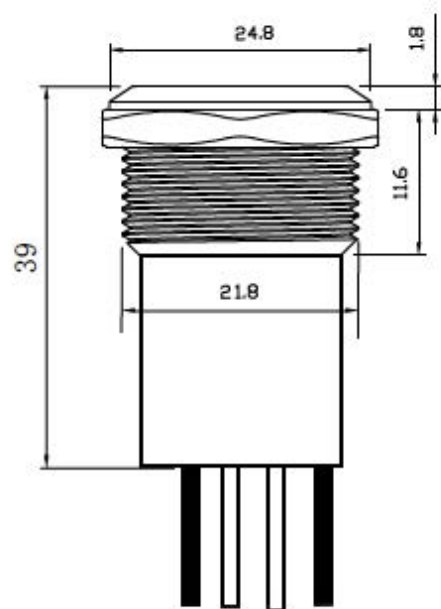
Mounting hole size: 22mm

3 Wires



**Standard length of wire harness is 15cm
Other length can be customized**

4 Wires



**Standard length of wire harness is 15cm
Other length can be customized**



ZHEJIANG HANSHANG ELECTRIC CO., LTD.

Harsh Environment Switch Single Output

With glue filling&wires

M3 Series Datasheet

WIRING DIAGRAM

SINGLE OUTPUT

