

# Vandal Resistant Switch (Без подсветки)

Φ12mm

**RoHS COMPLIANCE**



- Anti-Vandal IK09/ Sealed IP65
- Square and Round version available
- 1,000,000 cycles momentary
- Variety of colors

## Order Code

Series	Actuator Options	Terminal	Function	Body Material	Actuator Color	Function
□	B- Round F- Square	P- Pin (2.0x0.5) Screw blank	□ Momentary no letter 1- NO	□ S- Stainless Steel N- Nickel plated brass A- Zn- Al Alloy Black	□ BK- Black W- White Y- Yellow B- Blue G- Green R- Red O- Orange	① ② 1 (NO)

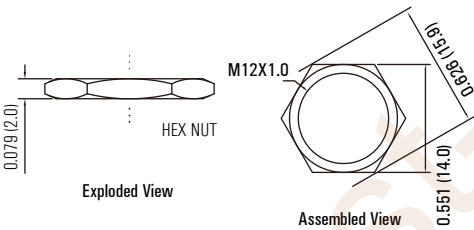
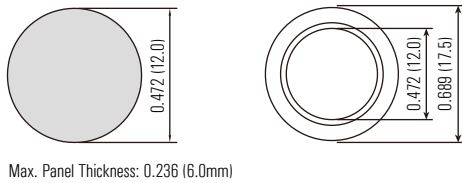
1) The Actuator color only Zn-Al alloy material available



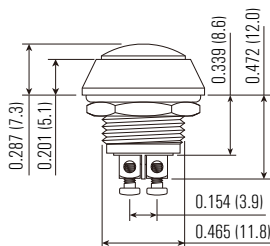
## Technical Data

Type	12-mm Type: B/S	12-mm Type: B/A	12-mm Type: F/A
<b>Illuminated Options</b>		Non-illuminated	
<b>Front Shape</b>		Round	Square
<b>Terminal</b>	Screw/ Pin(2.0X0.5)		
<b>Max. Switch Rating</b>	2A 48VDC		
<b>Contact Resistance</b>	≤ 50m Ω		
<b>Insulation Resistance</b>	≥ 1000m Ω		
<b>Dielectric Strength</b>	2000VAC		
<b>Operation Temp.</b>	-20 C ~ +55 C		
<b>Mechanical Life</b>	1,000,000cycles		
<b>Electrical Life</b>	200,000cycles		
<b>Contact Material</b>	Silver Alloy		
<b>Torque</b>	5 ~ 14Nm		
<b>Operation Pressure</b>	approx. 5N		
<b>Protection</b>	IP65		
<b>Material</b>			
<b>Actuator</b>	Stainless Steel/ Brass/ PBT		
<b>Body</b>	Stainless Steel/ Brass/ Zn-Al Alloy		
<b>Base</b>	PBT (Polybutylene terephthalate)		
<b>Color</b>			
<b>Type</b>	Finish		
<b>Actuator</b>	<span style="color: red;">R</span> <span style="color: green;">G</span> <span style="color: yellow;">Y</span> <span style="color: orange;">O</span> <span style="color: blue;">B</span> <span style="border: 1px solid black; padding: 0 2px;">W</span> <span style="border: 1px solid black; padding: 0 2px;">BK</span>		

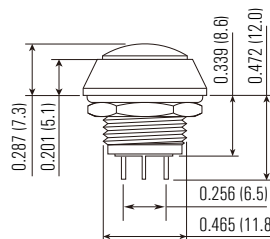
## Panel Cutout



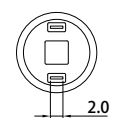
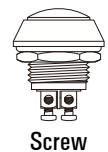
## Dimension



12-mm Type B, 12-mm Type F



12-mm Type B/P, 12-mm Type F/P

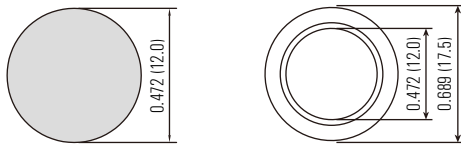




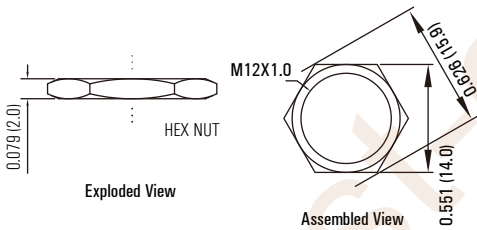
### Function



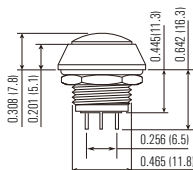
### Panel Cutout



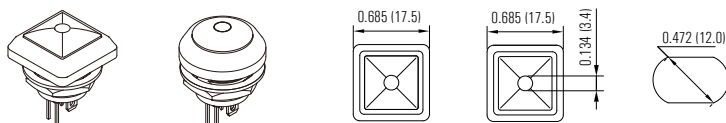
Max. Panel Thickness: 0.236 (6.0mm)



## Dimension



12-mm Type: F/PB



Square Bezel

Round Bezel

Non-Illuminated

Illuminated

Panel Hole

- Sealed IP65
- Square and Round version available
- 1,000,000 cycles momentary
- Illuminated and Non-Illuminated
- Variety of colors

Momentary: Без фиксации  
Latching: С фиксацией

### Order Code

Series	Actuator Options	Terminal	Function	Body Material	Illuminated Options	Color	Actuator Color
12mm Waterproof	B- Round F- Square	Pin (2.0x0.5) blank	Momentary: blank Z- Latching	PB- PBT White	D- Dot Non-illuminated blank	W- White Y- Yellow B- Blue G- Green R- Red O- Orange	BK- Black W- White Y- Yellow B- Blue G- Green R- Red O- Orange



### Technical Data

Type	12-mm Type: B/PB/D	12-mm Type: F/PB/D	12-mm Type: B/PB	12-mm Type: F/PB
<b>Illuminated Options</b>	Dot		Non illuminated	
<b>Front Shape</b>	Round	Square	Round	Square
<b>Terminal</b>	Pin(2.0X0.5)			
<b>Max. Switch Rating</b>	2A 48VDC			
<b>Contact Resistance</b>	≤ 50m Ω			
<b>Insulation Resistance</b>	≥ 1000m Ω			
<b>Dielectric Strength</b>	2000VAC			
<b>Operation Temp.</b>	-20 C ~ +55 C			
<b>Mechanical Life</b>	1,000,000cycles			
<b>Electrical Life</b>	200,000cycles			
<b>Contact Material</b>	Silver Alloy			
<b>Torque</b>	5 ~ 14Nm			
<b>Operation Pressure</b>	5.5N			
<b>Protection</b>	IP65			
<b>Material</b>	PBT (Polybutylene terephthalate)			
<b>Actuator</b>	PBT (Polybutylene terephthalate)			
<b>Body</b>	PBT (Polybutylene terephthalate)			
<b>Base</b>	PBT (Polybutylene terephthalate)			
<b>Color</b>	LED			
<b>Type</b>	LED			
<b>Actuator</b>	R G Y O B W BK			
<b>Illuminated Color</b>	R G Y O B W			

