

# Waterproof switches

**INT-1179BM Series** 7.2×7.2mm, Ø3.0mm Stem, Metal cover, Through hole type



- **Features** : IP67 dust & water resistance
- **Applications** : Home appliances or Industrial equipments used around water
- **Specifications** :

Rating	DC 12V 50mA
Contact resistance	100mΩ Max.
Travel (mm)	0.25+0.2/-0.1

## ► Part list

Part No.	Length (mm)	Operating force	Life	QTY per pack (Plastic bag)
INT-1179BM50A	5.0	200±50gf	100,000 Cycles Min.	2K
INT-1179BM90A	9.0			
INT-1179BM13A	13.0			

## ► Drawing

The drawing includes three main views:

- Top View:** Shows a square footprint with a side length of  $7.2 \pm 0.1$  mm. It features a central circular contact area with a diameter of  $\phi 3.00$  mm. Four mounting holes are located at the corners, with a distance of  $4 \pm 0.7$  mm from the center to each hole. The distance between the holes is  $5.0$  mm.
- Side View:** Shows the profile of the switch with a stem diameter of  $\phi 3.0$  mm. The total height is  $L \pm 0.2$  mm. Other dimensions include  $0.5$  mm MAX. for the top cap,  $0.7$  mm for the stem diameter,  $1.8$  mm for the base thickness,  $7.9 \pm 0.2$  mm for the base width,  $9.1 \pm 0.2$  mm for the base length,  $2.2$  mm for the contact height,  $3.5$  mm for the contact length, and  $8.9 \pm 0.2$  mm for the base length excluding the stem.
- PCB Dimension:** Shows the layout of the four mounting holes on the PCB. The distance between the holes is  $7.90 \pm 0.2$  mm. The distance from the center to each hole is  $5.0 \pm 0.1$  mm. The holes are labeled as  $4-\phi 0.90$  HOLES.

**Circuit diagram:** Shows a simple switch circuit with terminals labeled A, B, C, and D. Terminal C is connected to terminal D, and terminal B is connected to terminal A.

TACT Switches

PUSH Switches

HOOK Switches

DETECTOR Switches

SLIDE Switches

ROTARY Potentiometers

LEVER Switches

ROTARY Switches

CAPS