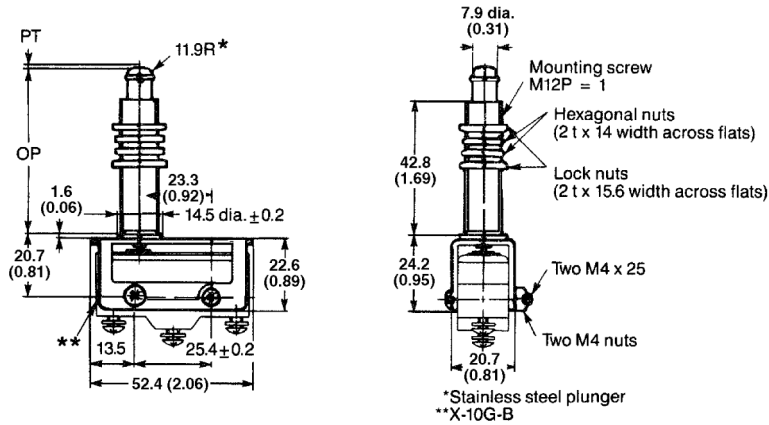
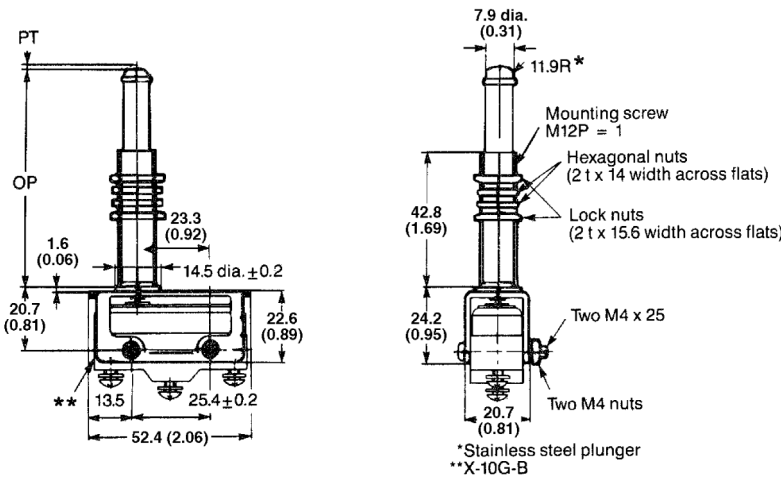


**Panel mount plunger
ZAQ-2**



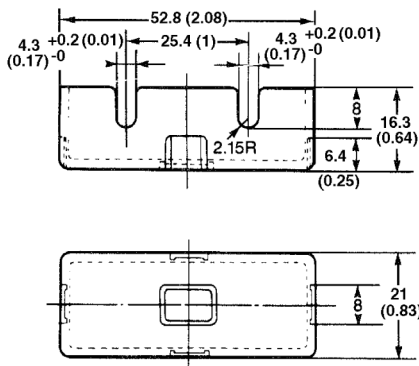
Note: Unless otherwise specified, a tolerance of ± 0.8 mm applies to all dimensions.

**Panel mount plunger
ZAQ-1**

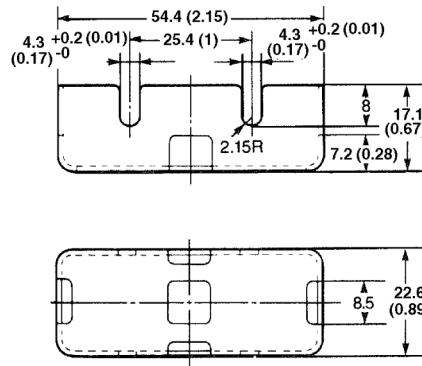


Note: Unless otherwise specified, a tolerance of ± 0.8 mm applies to all dimensions.

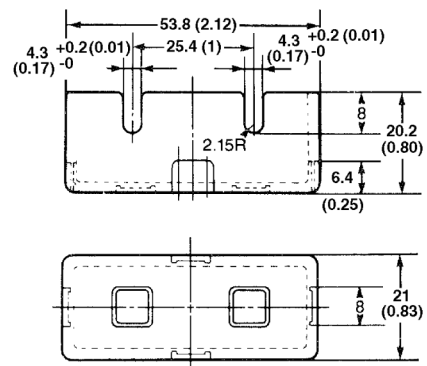
AP-A (for solder terminal)



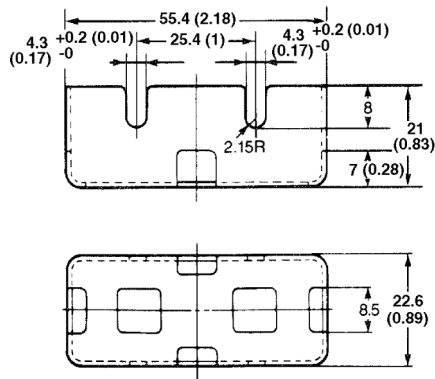
AP1-A (for solder terminal)



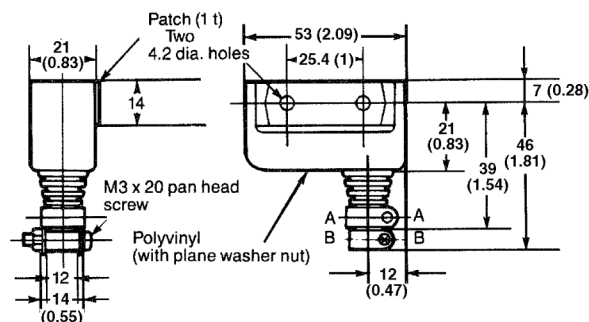
AP-B (for screw terminal)



AP1-B



AP-Z



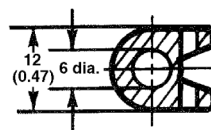
Note: Unless otherwise specified, a tolerance of ± 0.4 mm applies to all dimensions.

■ Cable Outlet Dimensions

A-A section



B-B section



Note: The cable outlet is provided with two stepped openings (6 dia. and 8 dia.) to permit the use of either opening according to the finished OD of the cable to be connected.

Precautions

■ Correct Use

Mounting

Use M4 screws with plane washers and spring washers to mount the Switch. Tighten each mounting screw securely to a torque of 1.18 to 1.47 N • m {12 to 15 kgf • cm}.

Panel Mount Switch (Z-15□Q, Z-01□Q□)

When mounting the panel mount plunger model with screws on a side surface, be careful of the dog angle and operation speed. Excessive dog angle or operation speed may damage the Switch.

The Switch can be panel mounted, provided that the hexagonal nut of the actuator is tightened to a torque of 2.94 to 4.9 N • m {30 to 50 kgf • cm}.

When using the panel mount plunger model mounted with screws on a side surface, be careful not to apply a large shock. Applying a shock exceeding 100G may damage the Switch.

When using the panel mount plunger model mounted with screws on a side surface, remove the hexagonal nuts from the actuator.

High-sensitivity Switch (Z-15H)

When using the Switch in a DC circuit, be sure to provide an arc suppressor as well because the small contact gap of the Switch may result in contact troubles.

In an application where a high repeat accuracy is required, limit the current that flows through the Switch to within 0.1 A. Also, use a relay to control a high-capacity load if the Switch is connected to such a load. (In this case, the exciting current of the relay coil is the load of the Switch.)

Do not apply a force of 19.6 N {2 kgf} or higher to the pin plunger.

Exercise care that the environment conditions such as temperature and humidity do not change abruptly.

Drip-proof Switch (Z-□55)

The Switch is not perfectly oil-tight; so do not dip it in oil or water.

The rubber boots are made from weather-resistant chloroprene rubber.

Do not use Basic Switches in places with radical changes in temperature.

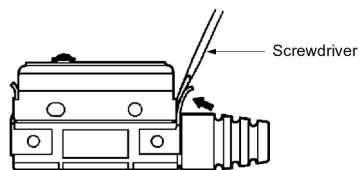
Flexible Rod Switch (Z-15□NJ□55, Drip-proof)

When the rod is fully swung, the Switch may operate when the lever returns, causing chattering. Use a circuit that compensates for chattering wherever possible.

Do not switch the rod to the fullest extent when the Switch is to break a power circuit because such a practice may cause metal deposition to occur between the mating contacts of the Switch.

Others

Do not apply an excessive force to the mounting bracket with a screwdriver or a similar object when attaching or detaching the protective cover; otherwise, the cover will be deformed.



This terminal protective cover cannot be used with models whose model number does not have the prefix “-B5V.”

Terminal protective covers can be ordered separately for maintenance use.