

## Flex Actuators

**Flex Actuators** are a variation of our popular [Flexswitch II](#) product line. They are an upgrade replacement for lever-actuated, snap-action switches (wand, limit, or paddle types), providing excellent sensitivity and reliability. Life expectancy is in the millions of actuations. They are available in three different cylindrical body types to accommodate different environmental situations. (Shown below, from left to right, Stainless steel, PVC and Aluminum)

The ribbon switch actuating mechanism is sheathed in a heavy duty jacket and encapsulated into the cylindrical housing. Dirt, dust and water cannot penetrate the IP67 rated assembly. The housings have standard 1/2 inch non-tapered pipe threads for easy mounting.

### Features & Benefits



- **Three different body types**
- **Cannot break if over-pushed, unlike paddle or lever switches**
- **Easy installation with standard pipe threads**
- **Watertight construction, IP67 rated**
- **Universal mounting bracket included**
- **Switch life in excess of 3 million operations**

These switches are tough, durable, and simple to install. A universal mounting bracket is included, allowing for almost any mounting configuration. (PVC model shown in mounting bracket.)

### Applications Include:

- End travel limit switch
- Position indicator
- Counting signal
- Load indicator
- Stop switch
- Over travel indicator
- Home stop limit switch
- Door or hatch closure detection

### Specifications

Active Switch Length	3 in (76 mm)
Actuation Force	4 oz (1.1 N) at 1/4 in (6.4 mm) from tip
Actuation Angle	10° ±5° (contacts open beyond 15° bend)
Recommended Voltage & Current	24 Vac or Vdc at 1.0 amps max.
Operating Temperature	0 to 122 °F (-18 to 50 °C)
Exterior Shell	Black PVC
Design Life	Over 3 million actuations