

Push-type Detector Switches SW3AF-361 Series

Features

- ◇ Superior reliability at micro-current by employing a sliding contact.
- ◇ High reliability gained by gold contact for environment.

Applications

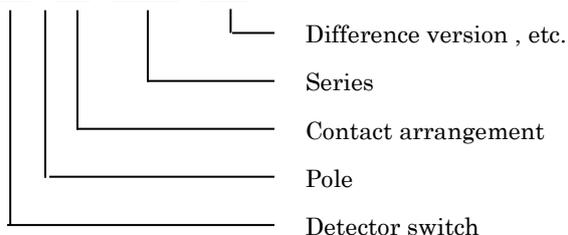
- ◇ For insertion detection of various media, cartridge.



Actual size

Products Number System

SW 3 AF - [] [] [] - [] []



Products Line

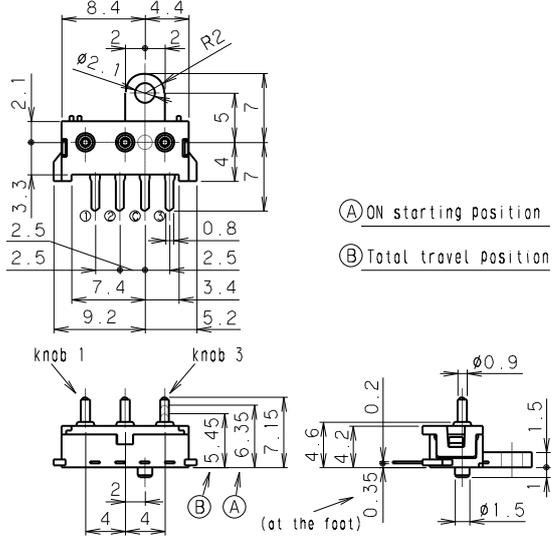
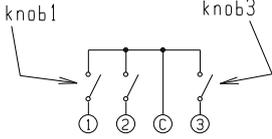
| No | Products No | Pole | Position | Notes |
|----|----------------|------|----------|-------|
| 1 | SW3AF-361-14AU | 3 | 1 | |

Typical Specifications

| Item | Specification |
|--------------------------|-----------------------------------|
| Ratings (max.) | 0.2 to 5mA 5V DC (Resistive load) |
| Contact resistance | 1 ohm max. |
| Insulation resistance | 100 megohm min. 100V DC |
| Withstanding voltage | 100V AC for 1min. |
| Operating life with load | 100,000 cycles |
| Operating force | 0.25N max. |

□ Dimensions

Unit : mm

| No | Style | Circuit diagram (TOP VIEW) |
|----|--|---|
| 1 | SW3AF-361-14AU  <p> (A) ON starting position (B) Total travel position </p> |  |

□ Notes

- The appearance and specifications of the product may be modified to improve its performance without prior notice.
- This catalog shows only outline specifications. When using the product, please obtain formal specifications.
- Please see appendix [Cautions in Using Switches].
- This switch is not washable.
- Soldering shall be done with actuator at free position and take care not to attach flux on plastic portion.
- Note that if the stress is applied to the terminals during soldering, they might cause deformation and defects in electrical performance.
- In manual soldering, consideration should be given to apply the soldering iron to the tip of the terminal so that unusual pressure is not applied to the terminal.
- In case circuit and software design consideration against chattering and bouncing shall be taken as below.
 - Read a few times. (Ex. 5ms for 5 times)
 - Set delay time.
 - Set integral circuit.
- As to threshold voltage, center setting is recommended.
- Care shall be taken not to apply stress to the body of switch as it may affect the performance.
- Please confirm the performance on actual operation by simulation with actual environment environments for high reliability.