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# Honeywell XP-4049 Micro Switch SSCE Series Miniature Enclosed Switch Instruction Manual

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# Honeywell

Honeywell XP-4049 Micro Switch SSCE Series Miniature Enclosed Switch



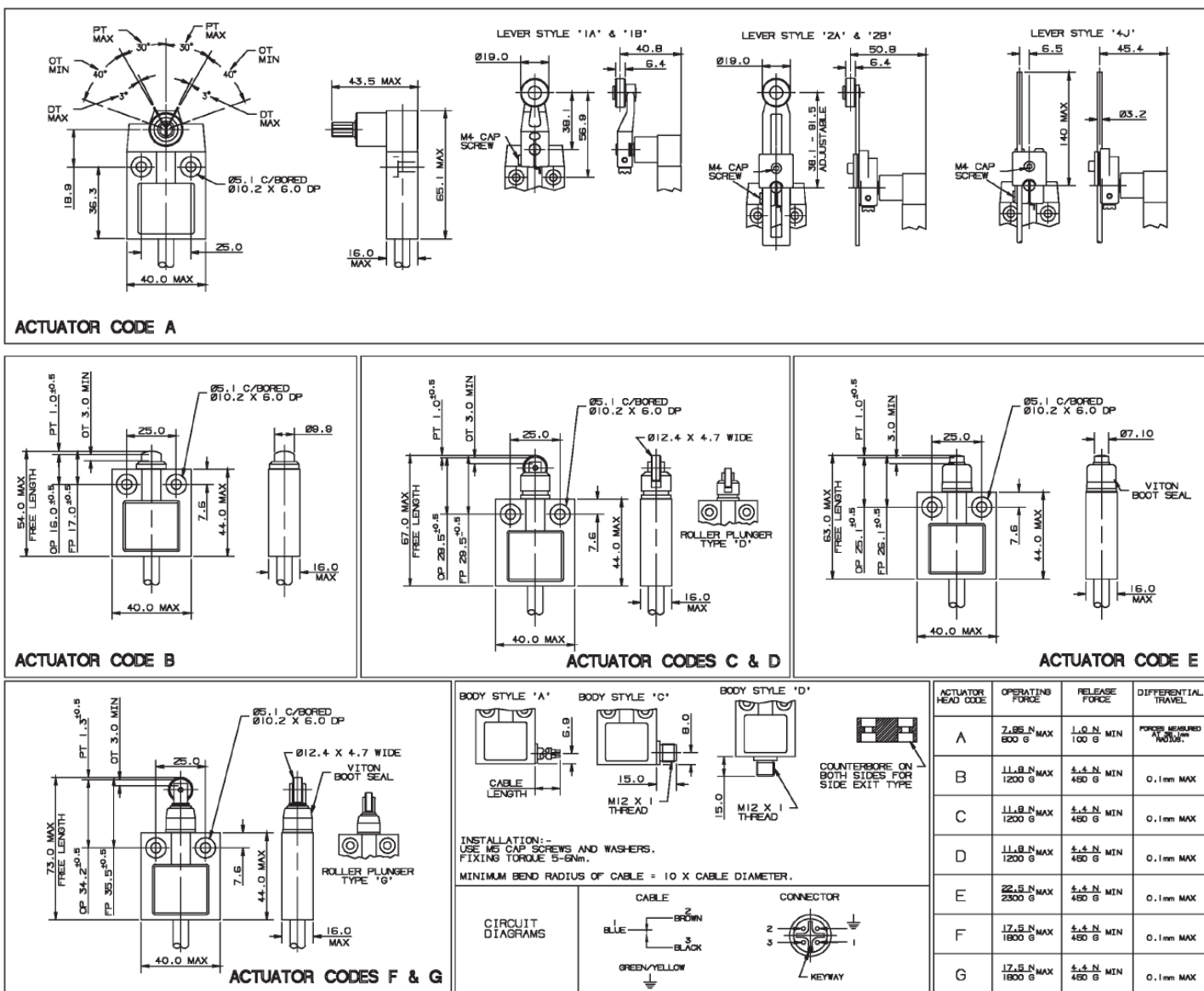
## WARNING

### PERSONAL INJURY

DO NOT USE these products as safety or emergency stop devices, or in any other application where the failure of the product could result in personal injury.

Failure to comply with these instructions could result in death or serious injury.

## DIMENSION



## TECHNICAL SPECIFICATIONS

- **Conforming to Standards:** IEC 60947-5-1
- **Utilization category:**
  - AC14, D300
  - DC13, R300
  - **ac(Ue):**
    - 240 V 120 V
    - 0.3 A 0.6 A
  - **dc(Ue):**
    - 250 V 125 V
    - 0.10 A 0.22 A
- **Thermal current:**
  - Courant permanent maximum(Ith) 1 A
- **Rated insulation voltage (Ui):** 250 V
- **Rated impulse withstand voltage (Uimp):** 1.5 kV
- **Pollution degree:** 3
- **Operating temperature:**
  - -40 °C to 90 °C
  - -40 °F to 194 °F
- **Mechanical life:** Up to 10 million operations
- **Degree of protection:** IP66/67, IP68
- **Min actuation speed:** 0.003 m/sec
- **Max actuation speed:** 0.1 m/sec
- **Max actuation frequency:**
  - ac – 200 Hz
  - dc – 20 Hz
- **Shock:** 50 g – IEC 68-2-27
- **Vibration:** 10 g – IEC 68-2-6

## ROUTINE MAINTENANCE

It is important to appreciate that the safe operation of your machine will depend upon the safe efficient working of all components and devices, which would include these switches. It is essential that a regular maintenance routine for the machine is established and that the routine should specifically cover all components that interface with these switches. It is imperative that any wear on the actuator mechanism operating the switch, or on the switch itself, and also any drift in the operating characteristics are identified at an early stage and the necessary corrective actions implemented by the end user, thus ensuring operator safety.

Periodic maintenance of the switch and replacement at appropriate intervals will avoid failures due to wear. The frequency of maintenance will be determined by the type of machinery and is the responsibility of the machine manufacturer or end user. The switch actuator must not be traveled to the point where it reaches its physical end stop, or beyond, as damage could occur. It is good design practice not to hold the switch actuator in the overtravel position for extended periods, that the actuator moves freely without jamming during operation and that the alignment of the machine actuator to the switch prevents damage or excessive wear. The electrical operation of the switch must be checked and tested at regular intervals only by a suitably qualified person.

## WARRANTY/REMEDY

Honeywell warrants goods of its manufacture as being free of defective materials and faulty workmanship. Honeywell's standard product warranty applies unless agreed to otherwise by Honeywell in writing; please refer to your order acknowledgment or consult your local sales office for specific warranty details. If warranted goods are returned to Honeywell during the period of coverage, Honeywell will repair or replace, at its option, without charge those items it finds defective. The foregoing is the buyer's sole remedy and is in lieu of all other warranties, expressed or implied, including those of merchantability and fitness for a particular purpose. In no event shall Honeywell be liable for consequential, special, or indirect damages.

While Honeywell may provide application assistance personally, through our literature and the Honeywell website, it is up to the customer to determine the suitability of the product in the application.

Specifications may change without notice. The information we supply is believed to be accurate and reliable as of this printing. However, we assume no responsibility for its use.

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Honeywell Advanced Sensing Technologies services its customers through a worldwide network of sales offices and distributors. For application assistance, current specifications, pricing or the nearest Authorized Distributor, visit our website or call:

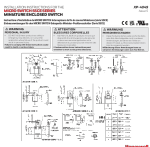
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### Advanced Sensing Technologies

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## Documents / Resources



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## References

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