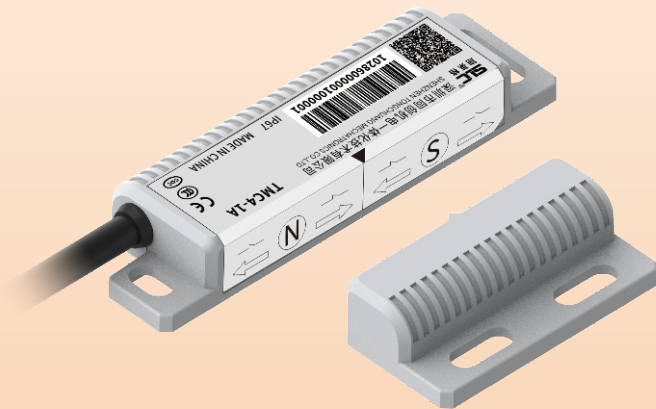
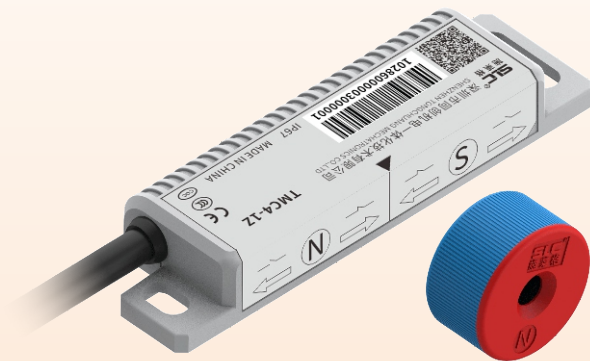




TMC4 reed switch



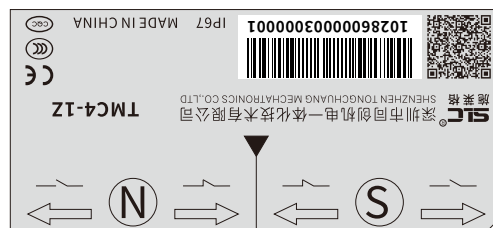
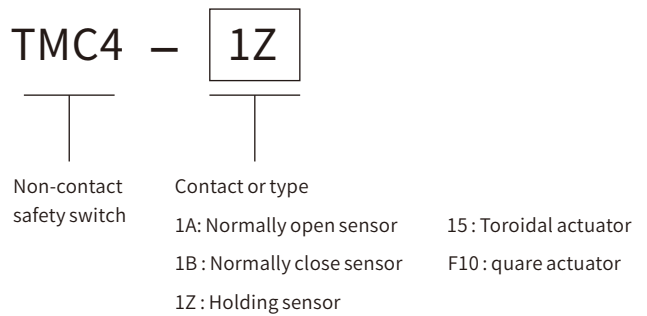
TMC4 reed switch function features

The TMC4 switch uses a permanent magnet to trigger the reed switch to detect the status of the switch, which is simple to install and sensitive to detection.

TMC4 reed switch technical parameters

| Technical parameters | |
|----------------------|---|
| Safety standard | EN60947-5-1; GB14048.5 |
| Certification | CE CCC (CQC) |
| Principle | Magnetic Excitation |
| Detection distance | 15mm (1Z match TMC4-15 actuators) 5mm (1A&1B match TMC4-F10 actuators) |
| Voltage | Max.250 VAC/ DC |
| Current | Max.1.3A |
| Capability | Max.80 W/VA |
| Frequency | Max.100Hz |
| Protection grade | IP67 |
| Vibration | 10-55Hz, 1mm |
| Impulse | 30g/11ms |
| Temperature | -25°C~75°C |
| Material | PA66 |

TMC4 reed switch model specification

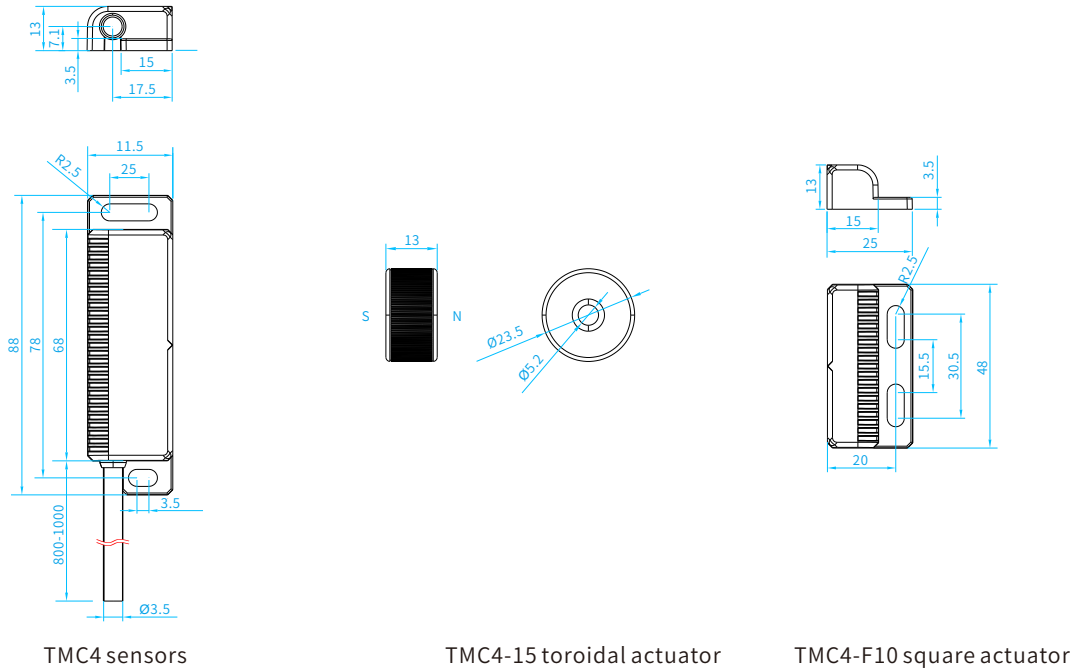


TMC4 reed switch selection table

| Item | Model | Specification | Order number |
|-----------|----------|-------------------|---------------|
| Sensors | TMC4-1A | Open | LOT882513731A |
| | TMC4-1B | Close | LOT882513731B |
| | TMC4-1Z | Holding | LOT882513731Z |
| Actuators | TMC4-15 | Toroidal actuator | LOT13D2355 |
| | TMC4-F10 | Square actuator | LOT482513F305 |

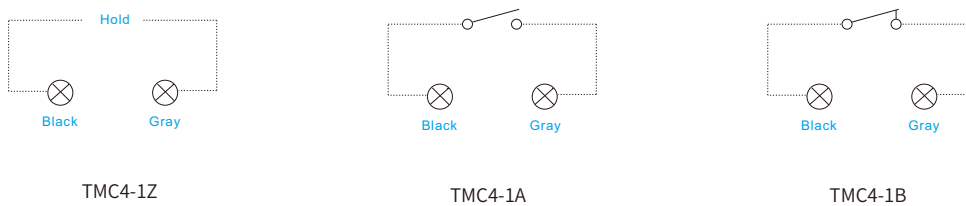
※TMC4-1A&1B sensor match TMC4-F10 actuators; TMC4-1Z sensor match TMC4-15 actuators

TMC4 reed switch installation dimensions (mm)



※ Affected by product configuration and manufacturing process, the actual product size, weight may be different, please refer to the actual product.

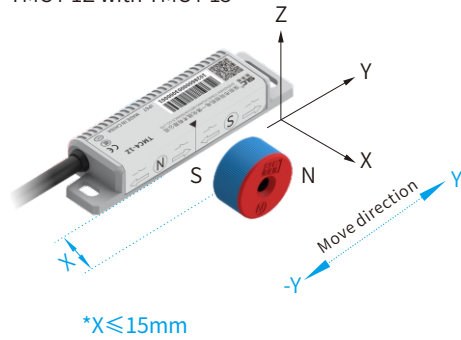
TMC4 reed switch wiring diagram



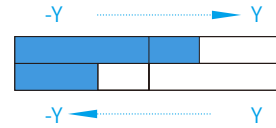
TMC4 REED SWITCH

TMC4 reed switch instruction

TMC4-1Z with TMC4-15



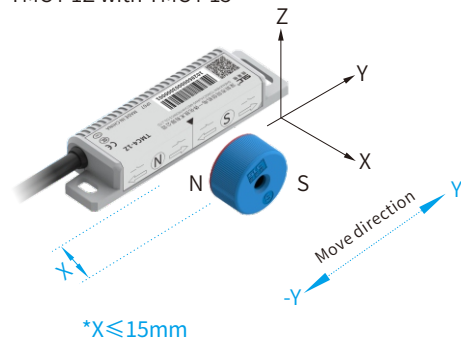
S pole moves relative to the sensor



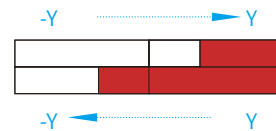
On-Off schematic

■ On
□ Off

TMC4-1Z with TMC4-15



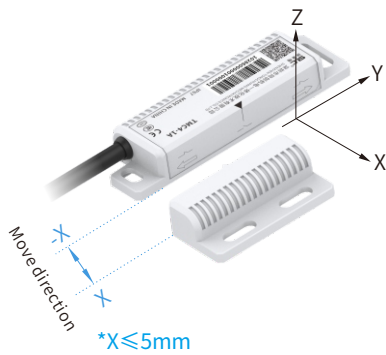
N pole moves relative to the sensor



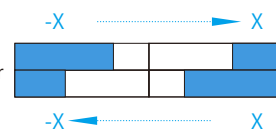
On-Off schematic

■ On
□ Off

TMC4-1A with TMC4-F10

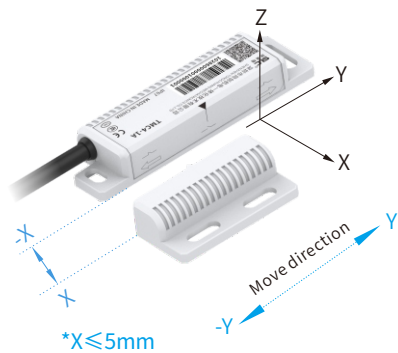


N-S Polar relative sensor movement

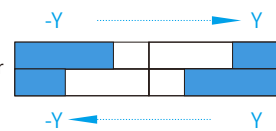


On-Off schematic

■ On
□ Off

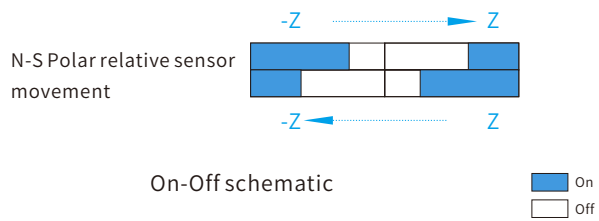
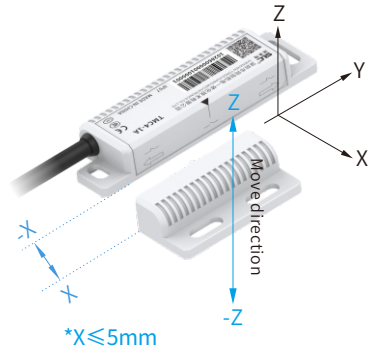


N-S Polar relative sensor movement

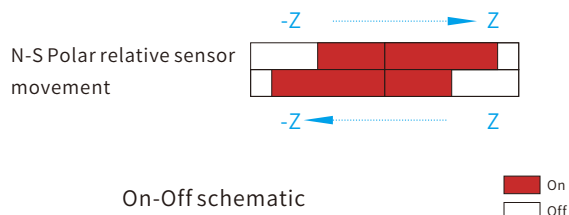
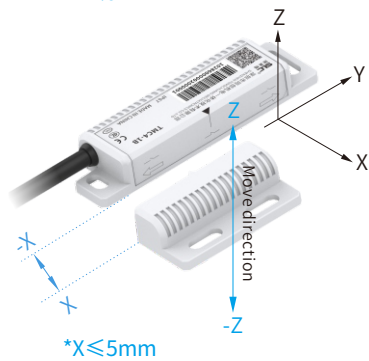
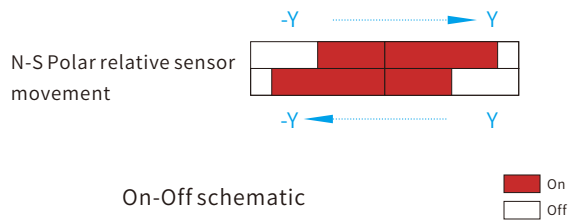
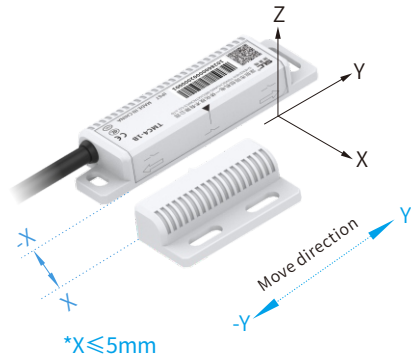
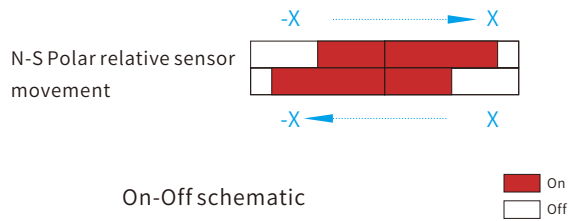
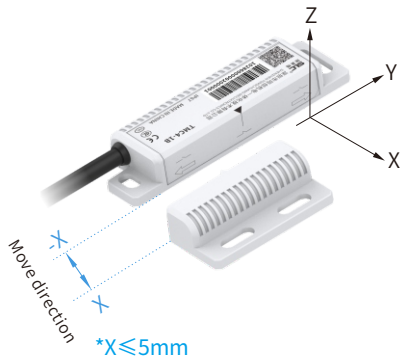


On-Off schematic

■ On
□ Off



TMC4-1B with TMC4-F10



Notes

● About installation

When mounted on a magnetic material such as an iron plate the characteristics change.

When multiple sets are used at the same time, pay attention to the installation spacing L is not less than 100mm.

● Others

When the switching part is subjected to a large impact or a current or voltage that exceeds the contact capacity, it will cause poor operation.