

Safety Limit Switch

D4N-2187

Safety Limit Switch, G1/2, 1-conduit, 1NC/1NO (snap-action), Plastic rod



Image

Actuator	Plastic rod
Operating mechanism	Snap action
Contact form	1NC/1NO
Degree of protection	IP67

Ratings / Performance

As of October 23, 2025

Operating mechanism	Snap action
Actuator	Plastic rod Resin rod
Frequency	50/60 Hz
Contact form	1NC/1NO
Load	General load/Micro load
Conduit	G1/2 Number of conduit: 1
Ambient temperature	Operating: -30 to 70 °C (with no icing)
Ambient humidity	95 %RH max.

Permissible operating frequency	30 operations / 1 minute max.
Contact resistance (Initial value)	25 mΩ max.
Insulation resistance	100 MΩ min.
Impulse withstand voltage	Between each terminal of the same polarities: 2.5 kV Between each terminal of the different polarities: 4 kV Between each terminal and non-live-metallic part: 6 kV
Durability	Mechanical: 15,000,000 operations min.
Vibration resistance	Malfunction: 10 to 55 Hz, 0.75 mm single amplitude
Shock resistance	Destruction: 1000 m/s ² Malfunction: 300 m/s ²
Degree of protection	IP67
Classification of protection against electric shock	Class II (Double insulation)

Operating Force (OF)	Standard value 1.5 N max.
-----------------------------	---------------------------

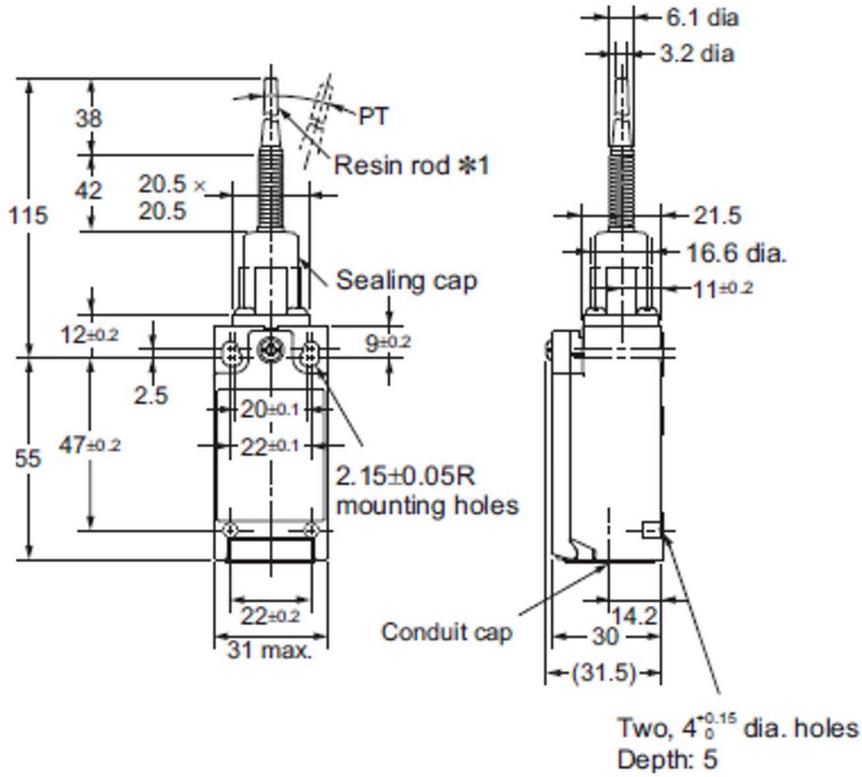
Pre-Travel (PT)

Standard value 15 ° max.

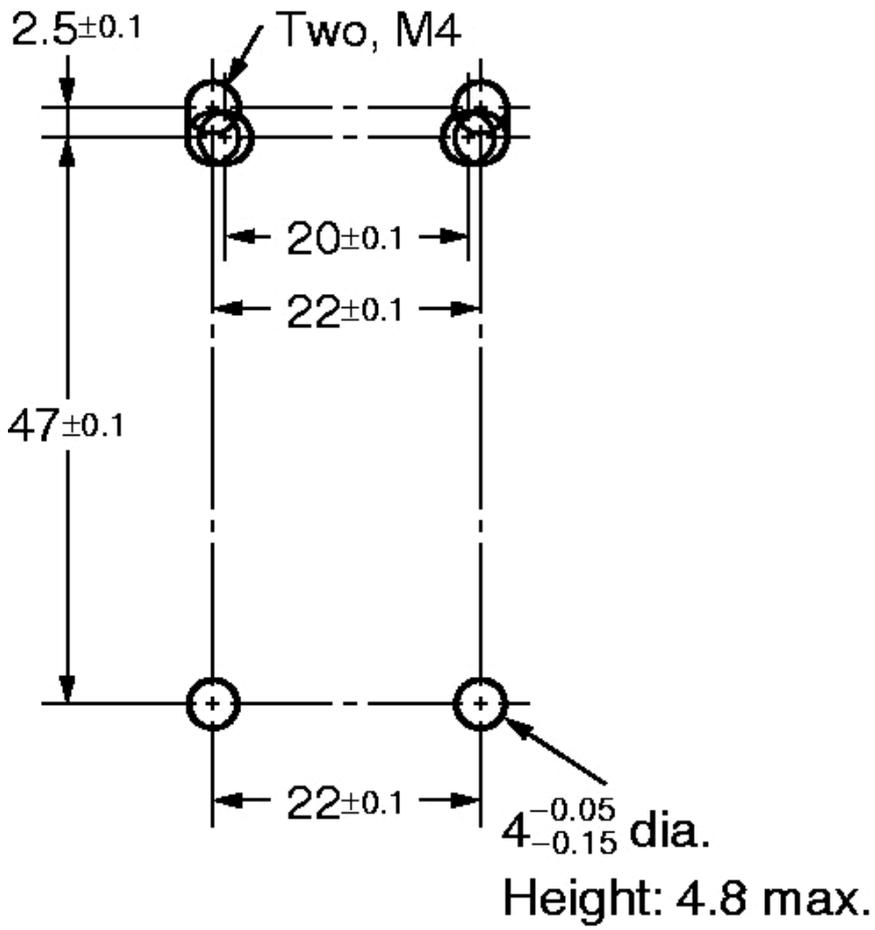
As of October 23, 2025

Dimensions

As of October 23, 2025



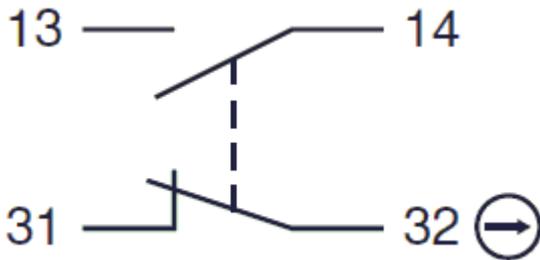
Mounting hole dimensions



As of October 23, 2025

Circuits configuration

As of October 23, 2025



As of October 23, 2025