







LIMIT SWITCH SE-8111-A









TECHNICAL DETAILS Body **Metal Body** Operation speed 0.5mm - 50cm/sec Operation speed Mechanical: 120 operations/ minute Electrical: 30 operations/minute 25m Ω max. (initial value) **Contact Resistance** 100m Ω min(below 500VDC) Insulation Resistance 1000VAC, 50/60Hz for 1 minute between Dielectric Strength terminals of the same polarity 1500VAC, 50/60 Hz for 1 minute between current-carrging and non-current-carrging metal parts 50/60 Hz for 1 minute between each terminal Vibration 10 55Hz, 1.5mm 10-55Hz 1.5mm double amplitude Mechanical durobie 1,000m/Sec Shock Malfunction: 300m/Sec -5~+65C **Ambient Temperature** Humidity 95% RH Life Mechanical 10,000,000 operations above Electrical 500,000 operations above 130 to 190g IP 65 **Degree of Protection**



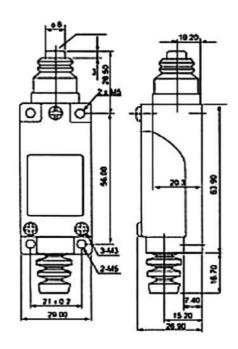




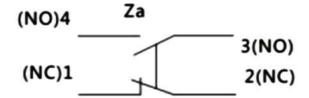
Operating Characteristics

Operating Force	9.8 N
Release Force	2.94 N
Pre-travel	1.5mm
Over Travel	4mm
Movement Differential	1.2mm
Total Travel	5.5mm

Dimension



Contact Form



Characteristis

- This Limit switch features a compact design and a long mechanical life.
- They have easy wiring with full open terminals and dust, water, oil proof construction.
- It is operated by the motion of a machine part or presence of an object.
- The defining feature of it is that a relatively small movement at the actuator button produces a relatively large movement at the electrical contacts, which occurs at high speed (regardless of the speed of actuation).