

# LIMIT SWITCH

## PLE-103



### INPUT SPECIFICATIONS

<b>Operation Speed</b>	0.5mm-50cm/sec
<b>Operating Frequency</b>	Mechanical: 120 Operating/minutes Electrical : 30 Operations/minutes
<b>Contact Resistance</b>	25m $\Omega$ min. (Initial Value)
<b>Insulation Resistance</b>	100m $\Omega$ min. (below 500VDC)

### OUTPUT SPECIFICATIONS

<b>Dielectric Strength</b>	1000VAC, 50/60Hz for 1 minute between terminals of the same polarity
	1500VAC, 50/60Hz for 1 minute between current-carrying and non-current-carrying metal parts

	1500VAC, 50/60Hz for 1 minute between each terminal and ground
<b>Vibration</b>	10-55Hz, 1.5mm double amplitude

### ***ENVIRONMENT***

<b>Ambient Temperature</b>	-10~ 70°C (with no icing)
<b>Humidity</b>	<95% RH
<b>Life</b>	Mechanical : 10 Million Operation above Electrical : 500,000 Operation above
<b>Shock</b>	Mechanical durable : 1,000m/sec <sup>2</sup> (about 100G'S) Malfunction : 300m/sec <sup>2</sup> (about 30G'S)

### ***STANDARDS***

<b>Weight</b>	About 130 to 190g
<b>EMC Standards</b>	EN60947-5-1
<b>Degree Of Protection</b>	IP65

### ***Applications***

- Industrial Control Panel
- Elevator Control Panel
- Injection Moulding Machines
- Industrial Machinery