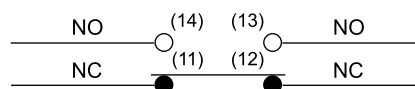


LS-9 Limit Switches

Feature

- Economical & plastic type
- Stainless steel roller, punch and spring
- Swing amplitude, extra large $\pm 95^{\circ}$
- PG13.5 cable gland that can be equipped

Contact Form



Specification

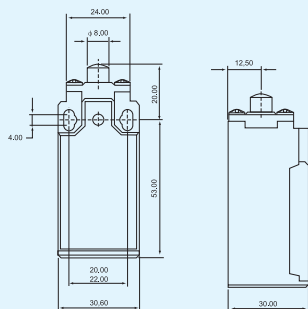
Model	LS	9211	9222	9224	9204	9226	9209	9269	9266	9267	9208L
Operating Force	OF(Max.)	700g	700g	700g	500g	700g	500g-cm	100g	100g	100g	500g-cm
Release Force	RF(Min.)	200g	200g	200g	100g-cm	200g	100g-cm	40g	40g	40g	100g-cm
Pretravel	PT(Max.)	1.8mm	1.8mm	1.8mm	20°	1.8mm	20°	30mm	30mm	30mm	20°
Tripping Position	TP $\pm 10\%$	2.0mm	2.0mm	2.0mm	22.5°	2.0mm	22.5°	22.5°	22.5°	22.5°	22.5°
Movement Differential	MD(Max.)	1.2mm	1.2mm	1.2mm	10°	1.2mm	10°	14°	14°	14°	10°
Overtravel	OT(Min.)	4.0mm	4.0mm	4.0mm	75°	4.0mm	75°	20mm	20mm	20mm	75°
Totaltravel	TT(Min.)	5.8mm	5.8mm	5.8mm	95°	5.8mm	95°	50mm	50mm	50mm	95°
Rotary Indexing					22.5°		22.5°				22.5°

Characteristic

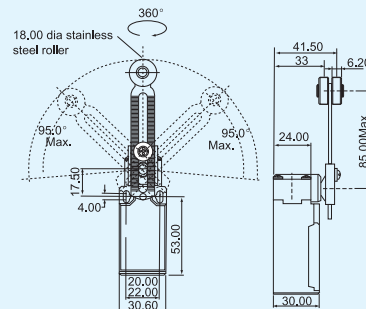
Double Break Mechanism	1NO+1NC Force Break snap action
Rated Voltage / Current	10(4)A, 125, 250VAC / 6(2)A, 380VAC For inductance Load, Cos $\phi = 0.4$
Contact Resistance	25m Ω max. (initial value)
Insulation Resistance	100m Ω min. (at 500VDC)
Dielectric Strength	1000VAC, 50/60 HZ for 1 minute between terminals of the same polarity
	1500VAC, 50/60 HZ for 1 minute between current-carrying and non-current-carrying metal parts
	1500VAC, 50/60 HZ for 1 minute between each terminal and ground
Electrical Life	500, 000 at 10A 250VAC Resistive
Mechanical Life	10, 000, 000 operations min. (under rated conditions)
Operating Speed	5mm/s to 0.5m/s
Degree of Protection	IP64
Ambient Temperature Rised	Max 30°C over ambient temperature at rated voltage/current
Ambient Temperature	-5°C~+65°C (with no icing)
Storage Temperature	-5°C~+65°C (with no icing)
Ambient Humidity	95% RH Max.
Shock Resistance	Mechanical durable: 1000m/s ² min.
	Malfunction: 300m/s ² min.
Vibration Frequency	Malfunction: 10 to 55Hz 1.5mm double amplitude
Terminal Screw Torsional Force	6-8 kgf•cm
Other Screw Torsional Force	Cover 12-14 kgf•cm/Head 8-9 kgf•cm/Mounting 50-60 kgf•cm
Bare Wire Diameter	ϕ 2 Max.
Cable Diameter	ϕ 12 Max.

Appearance and Dimension

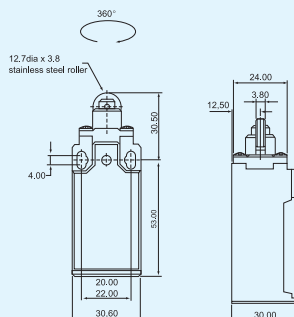
LS-9211



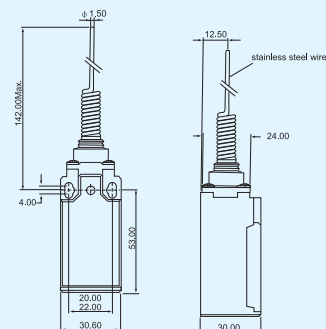
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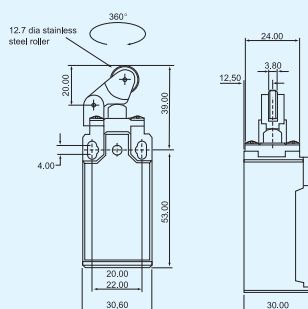
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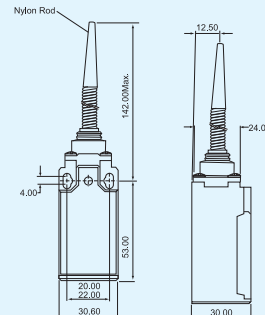
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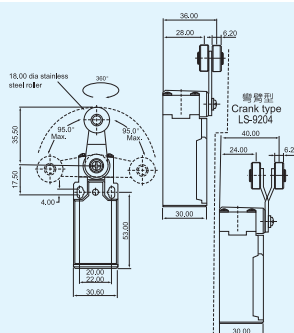
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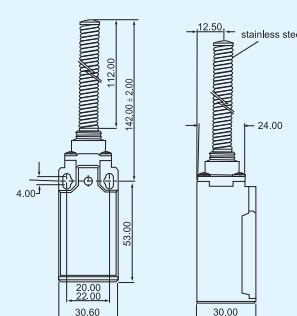
LS-9266



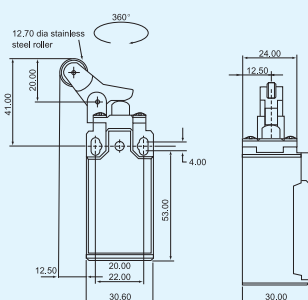
LS-9204



LS-9267



LS-9226



LS-9208L

