

Model and Description

LX	P1	□	1	□
Model	Design No.	Appearance: 100:Square 120:Rectangular	Contact form: 1: 1NO+1NC	Actuator: B:Top plunger D:Roller plunger F:Angle roller lever P:Damping adjustable rod lever T:Fork roller lever
				C:Damping top plunger E:Damping roller plunger G:Roller lever R:Coil spring U:Adjustable roller lever

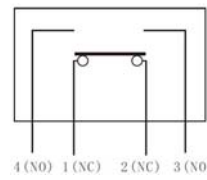
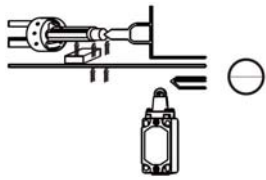
Application and Feature

LX-P1 series limit switch is applied to the 50HZ/60HZ,250VAC,220VDC control circuits, works as travel control, limit control,motion direction or speed change,machine tool automatic control,etc.

Approved standards:GB14048.5 IEC60947-5-1.

Specification

Operating speed	0.5mm~0.5m/s
Operating frequency	Mechanical: 120 operations/minute
	Electrical: 30 operations/minute
Contact resistance	50mΩ max.(Initial value)
Insulation resistance	100mΩ min.(at DC500V)
Conventional thermal current	5A
Electric Parameter	AC380V/0.8A DC220V/0.1A
Dielectric strength	1890VAC, 50/60Hz 1min between terminals of the same polarity
	2500VAC, 50/60Hz 1min between each terminal and non-current-carrying metal parts
	2500VAC, 50/60Hz 1min between current-carrying metal parts and ground
Vibration resistance	Malfunction: 10Hz~55Hz, 1.5mm double amplitude
Shock resistance	Destruction: 1000m/S ² Malfunction: 300m/S ²
Ambient temperature	Ambient operation temperature: -5℃~+60℃ with no icing
Ambient humidity	Ambient operation humidity: 90% max.
Life expectancy	Mechanical: 6,000,000 operations min.
	Electrical: 300 000 operations min.
Degree of protection	IP65

Mounting and Contact form

Dimensions

Model	Dimensions (mm)	OF max.	PT max.	OT min.
LX-P1/100/1B		10N(1.02kgf)	4mm	4mm
LX-P1/120/1B		10N(1.02kgf)	4mm	4mm
LX-P1/100/1C		25N(2.55kgf)	4mm	4mm
LX-P1/120/1C		25N(2.55kgf)	4mm	4mm
LX-P1/100/1D		25N(2.55kgf)	4mm	4mm
LX-P1/120/1D		25N(2.55kgf)	4mm	4mm
LX-P1/100/1E		18N(1.83kgf)	10°	10°
LX-P1/120/1E		18N(1.83kgf)	10°	10°
LX-P1/100/1F		18N(1.83kgf)	10°	5°
LX-P1/120/1F		18N(1.83kgf)	10°	5°
LX-P1/100/1G		10N(1.02kgf)	30°	50°
LX-P1/120/1G		10N(1.02kgf)	30°	50°
LX-P1/100/1P		10N(1.02kgf)	30°	50°
LX-P1/120/1P		10N(1.02kgf)	30°	50°
LX-P1/100/1R		10N(1.02kgf)	30°	50°
LX-P1/120/1R		10N(1.02kgf)	30°	50°
LX-P1/100/1T		10N(1.02kgf)	90°	-
LX-P1/120/1T		10N(1.02kgf)	90°	-
LX-P1/100/1U		10N(1.02kgf)	30°	50°
LX-P1/120/1U		10N(1.02kgf)	30°	50°