

Model and Description

LX	WL	
Model	Design No.	Actuator: CA2:Roller lever CA12:Adjustable roller lever D:Top plunger D2:Top roller plunger D3:Top ball plunger NJ-2:Plastic rod spring NJ-30:Metal rod spring CA32-41:Fork lever lock,left roller above the lever,right roller under the lever CA32-42:Fork lever lock,left roller under the lever,right roller above the lever DA32-43:Fork lever lock,both rollers above the lever CA32-44:Fork lever lock,both rollers under the lever NJ:Coil spring NJ-S2:Metal wire spring CL:Adjustable rod lever

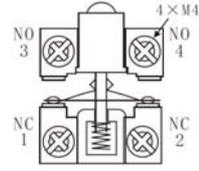
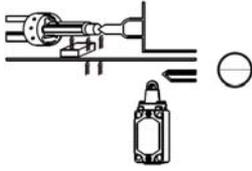
Application and Feature

LX-WL 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	20mΩ max.(Initial value)
Insulation resistance	100mΩ min.(at DC500V)
Conventional thermal current	10A
Electric Parameter	AC220V/1.5A DC220V/0.3A
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℃~+80℃ with no icing
Ambient humidity	Ambient operation humidity: 90% max.
Life expectancy	Mechanical: 15,000,000 operations min.
	Electrical: 750 000 operations min.
Degree of protection	IP65

Mounting and Contact form

Dimensions

LX-WL/CL OF max. 1.4N(0.142kgf) PT max. 20° OT min. 30°	 97, 100, 111, 38, 53, 35, 171	LX-WL/CA2 OF max. 13.3N(1.36kgf) PT max. 20° OT min. 30°	 178, 38, 61±0.3, 58, 30
LX-WL/CA12 OF max. 13.3N(1.36kgf) PT max. 20° OT min. 30°	 99, 65, 38, 97, 100	LX-WL/D OF max. 26.7N(2.72kgf) PT max. 1.7mm OT min. 6.4mm	 99, 62, 30, 30, 30, 15±0.3, 38
LX-WL/D1 OF max. 26.7N(2.72kgf) PT max. 1.7mm OT min. 5.6mm	 100.5, 62, 38, 15.5±0.3, 38	LX-WL/D2 OF max. 26.7N(2.72kgf) PT max. 1.7mm OT min. 5.6mm	 100.5, 62, 38, 15.5±0.3, 38
LX-WL/D3 OF max. 26.7N(2.72kgf) PT max. 1.7mm OT min. 5.6mm	 110.5, 62, 38, 15.5±0.3, 38	LX-WL/NJ OF max. 1.5N(0.15kgf) PT max. 28mm OT min. -	 91, 62, 38, 105±1, 38
LX-WL/NJ-2 OF max. 1.2N(0.12kgf) PT max. 28mm OT min. -	 100, 62, 38, 105±0.3, 38	LX-WL/NJ-S2 OF max. 0.3N(0.029kgf) PT max. 28mm OT min. -	 135, 62, 38, 105±0.3, 38
LX-WL/NJ-30 OF max. 0.8N(0.08kgf) PT max. 28mm OT min. -	 100, 62, 38, 105±0.3, 38	LX-WL/CA32-41 OF max. 11.8N(1.2kgf) PT max. 55° OT min. 35°	 178, 62.5, 61±0.3, 58, 30