

**Model and Description**

LXW	AZ	□	
Model	Design No.	Actuator:	
		7100: Short pin plunger	7110: Long pin plunger
		7120: Hinge lever	7121: Hinge roller lever
		7140: Short hinge lever	7124: Unidirectional hinge roller lever
		7141: Short hinge roller lever	7144: Unidirectional short hinge roller lever
		7166: Flexible rod (coil spring)	7310: Panel mount plunger
		7311: Panel mount roller plunger	7312: Panel mount cross roller plunger

**Application**

LXW-AZ series microswitch is widely used in Food machinery, Automatic packaging machinery, Machine tool equipment, Conveying machinery, Automatic production line control, Light industry machinery etc.

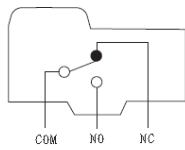
Approved standards: GB 14048.5, IEC 60947-5-1.

**Specification**

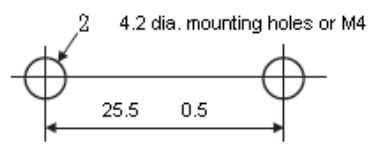
Operating speed	0.5mm~0.5m/s
Operating frequency	Mechanical: 120 operations/minute
	Electrical: 20 operations/minute
Contact resistance	50mΩ max.(Initial value)
Insulation resistance	100mΩ min.(at DC500V)
Conventional thermal current	10A
Electrical specification	380V, 220V/1A DC220V/0.3A
	1890V, 50/60Hz 1min between terminals of the same polarity
Dielectric strength	2500V, 50/60Hz 1min between each terminal and non-current-carrying metal parts
	2500V, 50/60Hz 1min between current-carrying metal parts and ground
Vibration resistance	Malfunction: 10Hz~55Hz, 1.5mm double amplitude
Shock resistance	Destruction: 1000m/S <sup>2</sup> Malfunction: 300m/S <sup>2</sup>
Ambient temperature	Ambient operation temperature: -10℃~+80℃ with no icing
Ambient humidity	Ambient operation humidity: 90% max.
Life expectancy	Mechanical: 10,000,000 operations min.
	Electrical: 200 000 operations min.
Degree of protection	IP63

**Contact Form & Mounting**

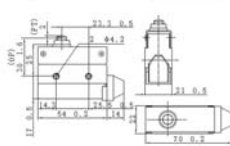
1NC &amp; 1NO



Mounting

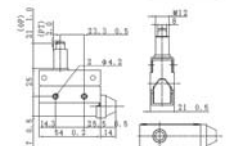

**Dimensions**

LXW-AZ7100



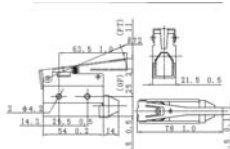
OF max.	PT max.	OT min.	OP
5.9N(0.6kgf)	2mm	0.8mm	30.5±0.8mm

LXW-AZ7110



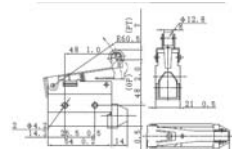
OF max.	PT max.	OT min.	OP
5.9N(0.6kgf)	2mm	5mm	44.5±1.2mm

LXW-AZ7120



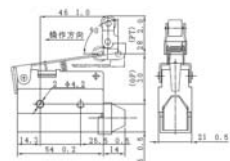
OF max.	PT max.	OT min.	OP
1.5N(0.15kgf)	13.5mm	4mm	25±1mm

LXW-AZ7121



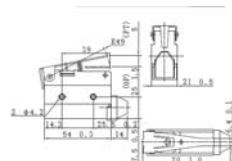
OF max.	PT max.	OT min.	OP
1.8N(0.18kgf)	11mm	3mm	40±1mm

LXW-AZ7124



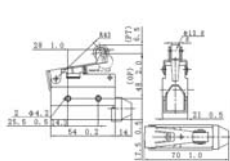
OF max.	PT max.	OT min.	OP
2N(0.2kgf)	11mm	3mm	50±1.2mm

LXW-AZ7140



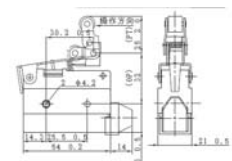
OF max.	PT max.	OT min.	OP
2.2N(0.22kgf)	8.5mm	2.5mm	25±1mm

LXW-AZ7141



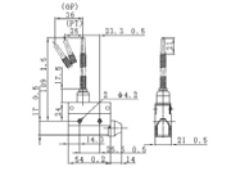
OF max.	PT max.	OT min.	OP
2N(0.2kgf)	6.5mm	2mm	40±1mm

LXW-AZ7144



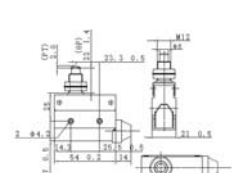
OF max.	PT max.	OT min.	OP
2.7N(0.28kgf)	6.5mm	2mm	50±1.2mm

LXW-AZ7166



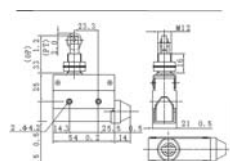
OF max.	PT max.	OT min.	OP
1.2N(0.12kgf)	250mm	11mm	

LXW-AZ7310



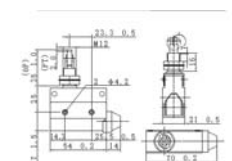
OF max.	PT max.	OT min.	OP
5.9N(0.6kgf)	2mm	6mm	21.8±1.2mm

LXW-AZ7311



OF max.	PT max.	OT min.	OP
5.9N(0.6kgf)	2mm	6mm	33.3±1.2mm

LXW-AZ7312



OF max.	PT max.	OT min.	OP
5.9N(0.6kgf)	2mm	6mm	33.3±1.2mm