



LIMIT SWITCH LZ1 SERIES

行程开关LZ1系列

产品特点:

结构强度高，壳体由锌合金制造
防尘、防水、防油，三防构造 (IP66)
多种操作方式满足不同场合需求
广泛应用于输送机械，机床设备，自动化等领域

Features:

- High mechanical strength with aluminum alloy body
- Dust proof, water proof, oil proof structure (IP66)
- various actuators are available
- Widely applied in transfer handling machinery, machine tool equipment, automation etc.

产品型号Product Ordering

LZ1

1

系列代号
series code

Actuator type
操作杠杆类型

1. 操作杆种类Actuators type

110	112	113	104	108
				
塞柱型	滚轮塞柱型	支架滚轮塞柱型	滚轮摆杆型	可调滚轮摆杆型
166	167	169	104X	108X
				
塑料弹簧棒型	弹簧棒型	触须型	大滚轮摆杆型	大滚轮可调摆杆型

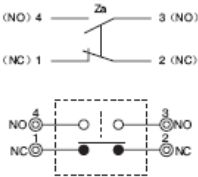
产品特性Characteristics

额定值Rating		AC-15: 250V/6A; DC-13: 220V/0.3A
初始接触电阻Initial contact resistance		25mΩ max. 最大
初始绝缘电阻Initial insulation resistance		100 mΩ Min. 最小 (At 500V DC)
耐电压 Dielectric strength	非连续端子间 Between non-consecutive terminals	1,000Vrms, 50/60Hz, 1 min
	无载电流金属件与各端子间 Between non-current carrying metal parts and each terminal	1,500Vrms, 50/60Hz, 1 min
	接地与端子间 Between ground and each terminal	1,500Vrms, 50/60Hz, 1 min
耐冲击 Shock resistance	机械Mechanical durable	1000m/s ² {100G, S} max. 最大
	误动作Malfunction	300m/s ² {30G, S} max. 最大
抗振性Vibration resistance		10-55Hz, 1.5mm double amplitude 双振幅
使用寿命 Expected life	机械Mechanical	1,000,000 Min. 最小
	电气Electrical	500,000 Min. 最小
环境温度Ambient temperature		-20 to +70°C
环境湿度Ambient humidity		95%RH Max最大
Operating frequency 动作频率	机械Mechanical	120 times/min. 次/分钟
	电气Electrical	30 times/min. 次/分钟
动作速度Operation speed		5-500mm/s
防护等级Protection degree		IP66

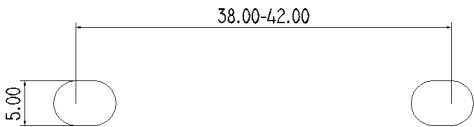
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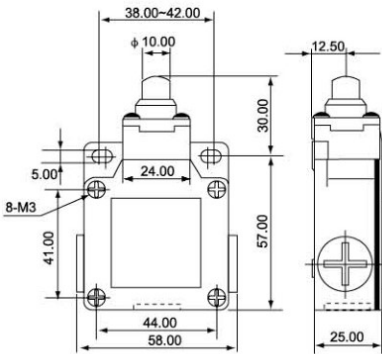
接触形式Contact form



安装尺寸Mounting holes

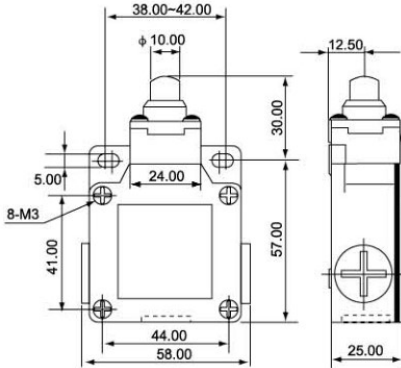


LZ1110



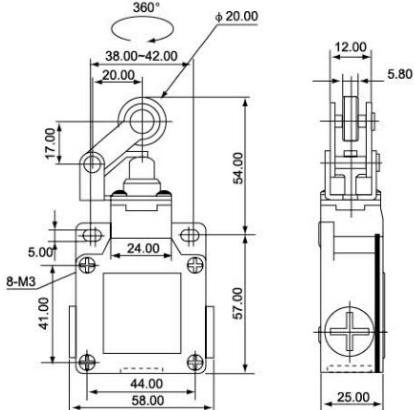
OF Max	800g
RF Min	400g
PT Max	1.8mm
OP ±10%	2.0mm
MD Max	1.2mm
OT Min	4.0mm
TT Min	5.8mm

LZ1112



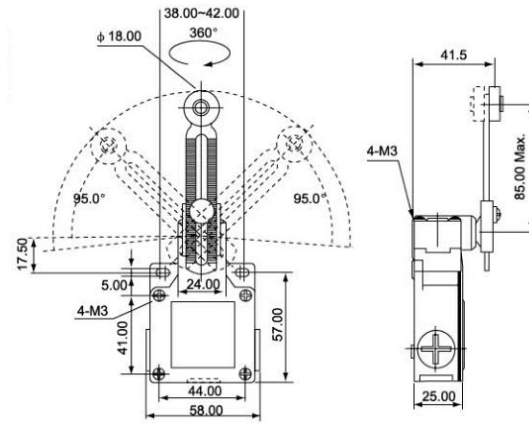
OF Max	800g
RF Min	400g
PT Max	1.8mm
OP ±10%	2.0mm
MD Max	1.2mm
OT Min	4.0mm
TT Min	5.8mm

LZ1113



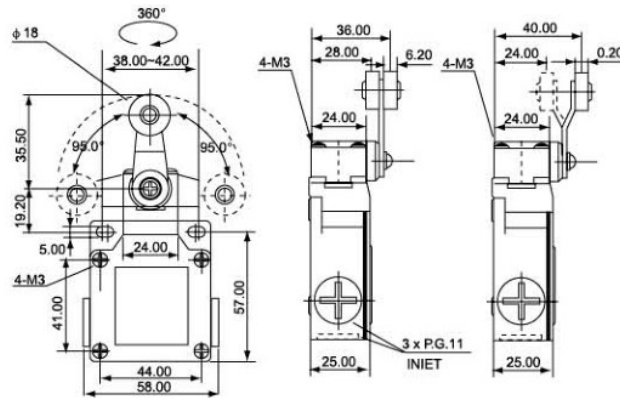
OF Max	800g
RF Min	400g
PT Max	1.8mm
OP ±10%	2.0mm
MD Max	1.2mm
OT Min	4.0mm
TT Min	5.8mm

LZ1108



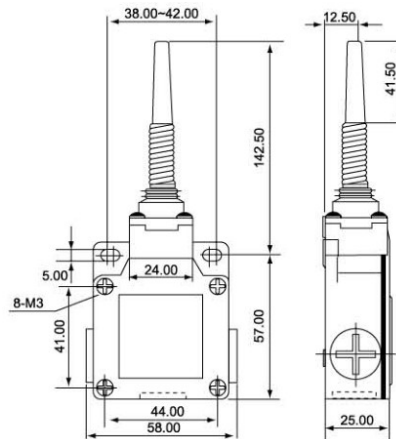
OF Max	400g
RF Min	100g
PT Max	20°
OP ±10%	22.5°
MD Max	10°
OT Min	75°
TT Min	95°

LZ1104



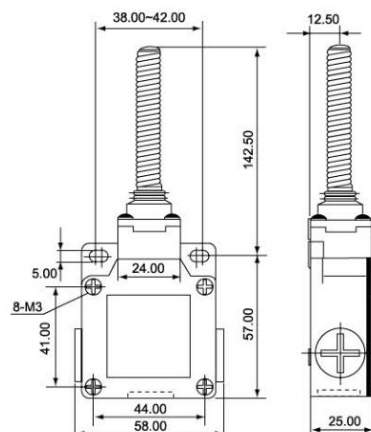
OF Max	400g
RF Min	100g
PT Max	20°
OP ±10%	22.5°
MD Max	10°
OT Min	75°
TT Min	95°

LZ1166



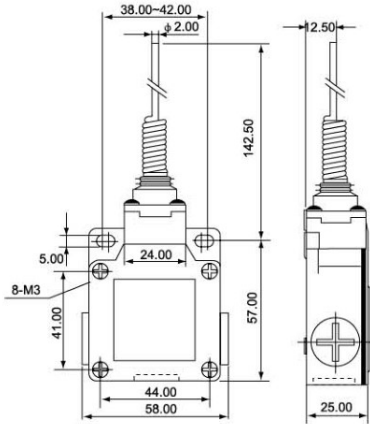
OF Max	150g
RF Min	50g
PT Max	30mm
OP ±10%	22.5°
MD Max	14°
OT Min	20mm
TT Min	50mm

LZ1167



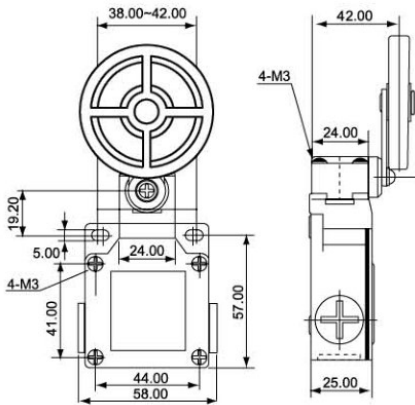
OF Max	150g
RF Min	50g
PT Max	30mm
OP ±10%	22.5°
MD Max	14°
OT Min	20mm
TT Min	50mm

LZ1169



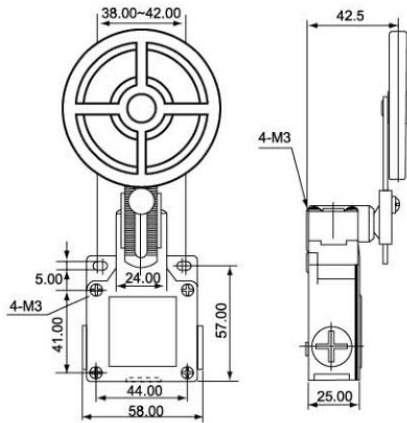
OF Max	150g
RF Min	50g
PT Max	30mm
OP ±10%	22.5°
MD Max	14°
OT Min	20mm
TT Min	50mm

LZ1104X



OF Max	400g
RF Min	100g
PT Max	20°
OP ±10%	22.5°
MD Max	10°
OT Min	75°
TT Min	95°

LZ1108X



OF Max	400g
RF Min	100g
PT Max	20°
OP ±10%	22.5°
MD Max	10°
OT Min	75°
TT Min	95°