

MS1-Z系列 ZT版防水小微动



产品特性

- 可靠的换档设计
- 长寿命机械及电气寿命
- 紧凑的外形尺寸
- 多种端子形状及杠杆可选
- IP67防水开关
- Rohs符合

典型应用

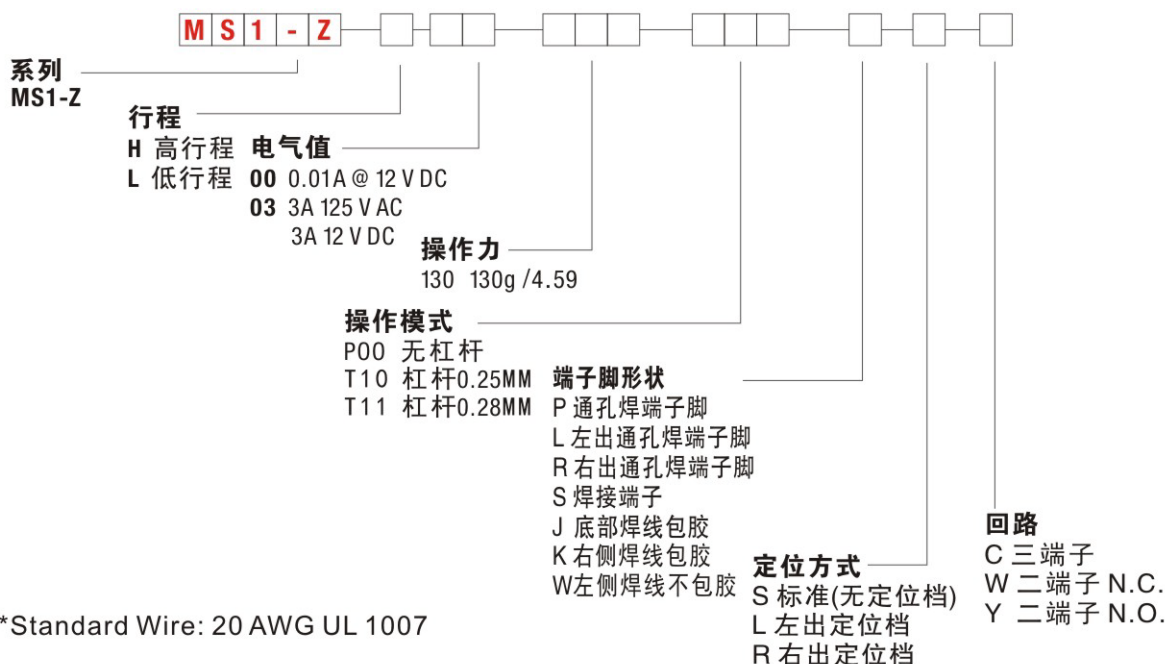
- 检测功能
- 手持电话
- 测试设备
- 安全报警设备
- 消费电子

产品规格

- 标称值：3A @ 125 VAC, 12 VDC
0.01A @ 12 VDC
- 电气寿命：0.01A 12 VDC, 100K
3A 12 VDC, 100K
3A 125 VAC, 10K
- 机械寿命：500K Cycles
- 绝缘电阻：100MΩ min.
- 抗电强度：500 Vrms
- 工作温度：-40°~85°
- 操作力：130g max

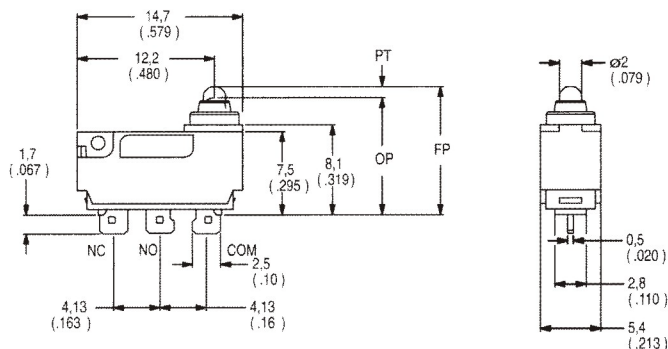
材质

- 主体：PBT
- 上盖/按钮：PBT
- 触点：银触点 0.01A镀金
- 端子：黄铜镀银
- 杠杆：不锈钢

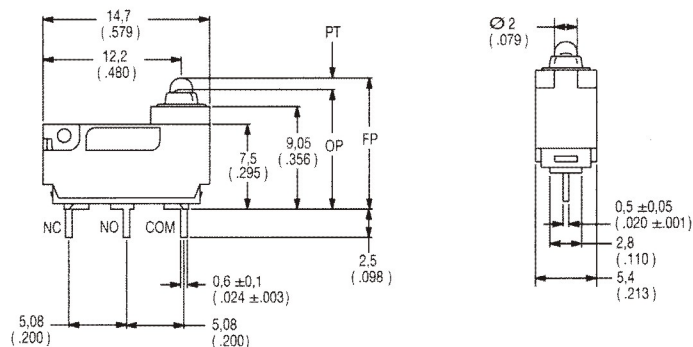


系列

MS1-ZH HIGH OVER TRAVEL
Switch option shown: MS1-ZH00P00SSC



MS1-ZL LOW OVER TRAVEL
Switch option shown: MS1-ZL00P00PSC



电气值

OPTION CODE	CONTACT MATERIAL	UL61058-1 UL1054 ELECTRICAL RATING	ENEC ELECTRICAL RATING
	MOVABLE CONTACT / STATIONARY CONTACT		
00	Gold plating over silver alloy	0.01 AMP @ 12 V DC 0.1 AMP @ 12 V DC	10m AMP @ 12 V DC 5E5
03	Silver alloy	3 AMPS @ 125 V AC 3 AMPS @ 12 V DC	3 AMPS @ 12 V DC 1E5

Consult Customer Service center for availability and delivery of nonstandard ratings.

操作力

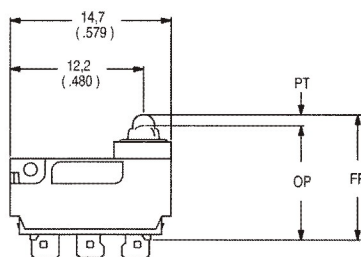
OPTION CODE	BASIC SWITCH OPERATING FORCE (OZ./GRAMS)
130	130 4.59



Dimensions are shown: inches(mm)
Specifications and dimensions subject to change

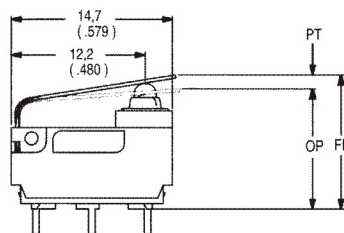
操作模式

P00 PIN PLUNGER (IP65)

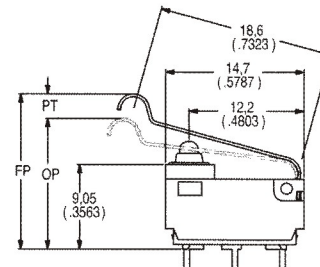


UL approved

T10 .25 LEVER (IP65)



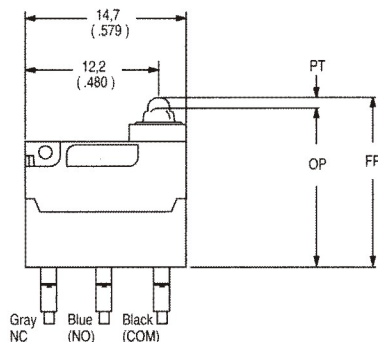
T11 LEVER (IP65)



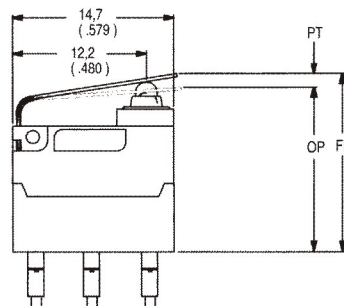
SWITCH CHARACTERISTICS

Actuator code	Maximum Operate Force (grams/oz.)	Minimum Release Force (grams/oz.)	Free Position Max	Maximum Pre-travel	Operate Position	Maximum Differential	Low Overtravel min. (L)	High Overtravel min. (H)
P00	130 4.59	13 0.45	.472 (12)	0.032 (0.8)	.415 ± .012 (10.55 ± .3)	.012 (0.3)	0.031 (0.8)	0.068 (1.72)
T10	195 6.88	55 1.93	.604 (15.35)	0.152 (3.85)	.440 ± .020 (11.2 ± .5)	0.020 (0.5)	0.053 (1.35)	0.084 (2.14)
T11	160 5.64	45 1.58	.726 (18.45)	0.186 (4.8)	.539 ± .032 (13.7 ± .8)	0.030 (0.7)	0.062 (1.65)	0.101 (2.57)

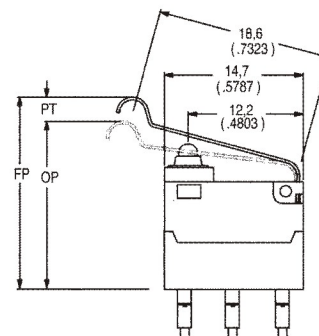
P00 PIN PLUNGER (IP67)



T10 .25 LEVER (IP67)

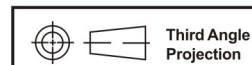


T11 .28 LEVER (IP67)



SWITCH CHARACTERISTICS "J" TERMINATION ONLY

Actuator code	Maximum Operate Force (grams/oz.)	Minimum Release Force (grams/oz.)	Free Position Max	Maximum Pre-travel	Operate Position	Maximum Differential	Low Overtravel min. (L)	High Overtravel min. (H)
P00	130 4.59	13 0.45	.650 (16.50)	0.032 (0.8)	.593 ± .020 (15.05 ± 0.5)	.012 (0.3)	0.031 (0.8)	0.068 (1.72)
T10	195 6.88	55 1.93	.781 (19.85)	0.152 (3.85)	.618 ± .028 (15.7 ± .7)	0.020 (0.5)	0.053 (1.35)	0.084 (2.14)
T11	160 5.64	45 1.58	.904 (22.95)	0.188 (4.8)	.717 ± .039 (18.2 ± 1.0)	0.030 (0.7)	0.062 (1.65)	0.101 (2.57)

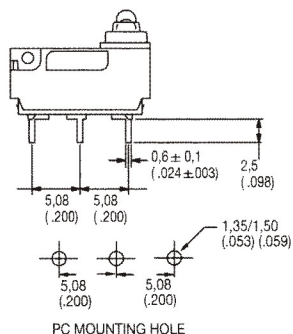


Third Angle Projection

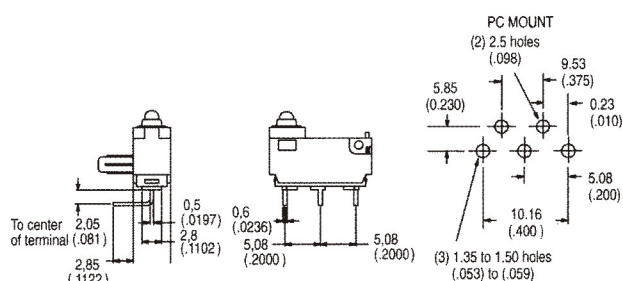
Dimensions are shown: inches(mm)
Specifications and dimensions subject to change

端子脚形状

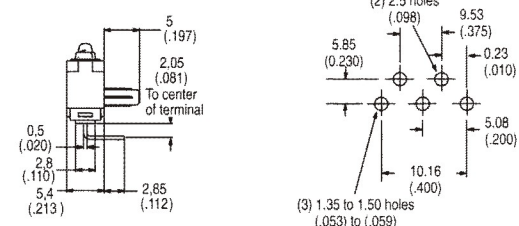
P PC THRU-HOLE



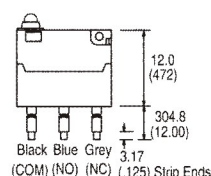
L LEFT FOOTED, PC THRU-HOLE



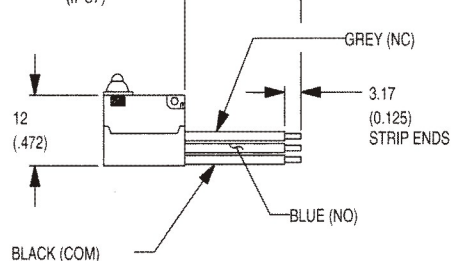
R RIGHT FOOTED, PC THRU-HOLE



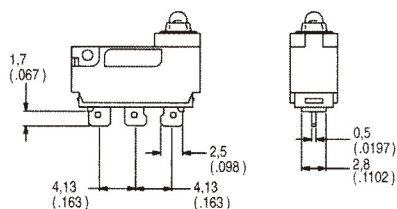
J WIRE LEADS BOTTOM (IP67)



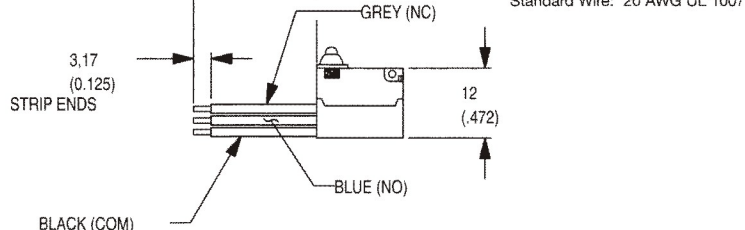
K RIGHT SIDE (IP67)



S SOLDER TYPE



W LEFT SIDE (IP67)

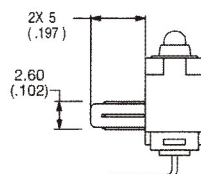


定位方式

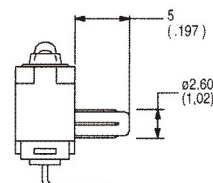
S STD (NO SUPPORT POST)



L SUPPORT POST LEFT



R SUPPORT POST RIGHT



回路

C SPDT (Single Pole, Double Throw)

W SPST, NC (Single Pole, Single Throw, Normally Closed)

Y SPST, NO (Single Pole, Single Throw, Normally Open)



Third Angle Projection

Dimensions are shown: inches(mm)
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