



### Features

- Various of actuators, the operation position is adjustable. (such as ID-7121).
- Outer shell covered with intensive plastic, water-proof and oil-proof. The mechanical strength is better than CM type of micro switch, bearing hitting.

### Contact Form



### Ratings

Rated voltage	Noninductive Load (A)				Inductive Load (A)			
	Resistance Load		Lamp Load		Inductive Load		Motor Load	
	NC	NO	NC	NO	NC	NO	NC	NO
125VAC	10	3	1.5	10	5	2.5	5	2.5
250VAC	10	2.5	1.25	10	3	1.5	5	1.5
480VAC	3	1.5	0.75	2.5	1.5	0.75	1.5	0.75
8VDC	10	3	1.5	6	6	5	6	5
14VDC	10	3	1.5	6	6	5	6	5
30VDC	8	3	1.5	6	5	2.5	5	2.5
125VDC	0.5	0.4	0.4	0.05	0.05	0.05	0.05	0.05
250VDC	0.25	0.2	0.2	0.03	0.03	0.03	0.03	0.03

### NOTES:

- 1 Inductive load has a power factor of 0.4 min (AC) and a time constant of 7 msec max (DC).
- 2 Lamp load has an inrush current of 10 times the steady-state current, while motor load has an inrush current of 6 times the steady-state current.

### Characteristics

Operation speed	0.5mm-50cm/sec
Operating frequency	Mechanical: 120 operations/minute Electrical: 30 operations/minute
Contact resistance	15m max. (initial value)
Insulation resistance	100m above (at 500VDC)
Dielectric strength	1000VAC, 50/60 HZ for 1 minute between terminals of the same polarity
	1500VAC, 50/60 HZ for 1 minute between current-carrying and non-current-carrying metal parts
	1500VAC, 50/60 HZ for 1 minute between each terminal and ground
Vibration	10-55HZ, 1.5mm double amplitude
Shock	Mechanical durable: 1,000m/Sec <sup>2</sup> (about 100G'S)
	Malfunaction: 300m/Sec <sup>2</sup> (about 30G'S)
Ambient temperature	-5 to +65
Humidity	<95% RH
Life	Mechanical: 10,000,000 operations above (under rated OT)
	Electrical: 500,000 operations above
Weight	About 60g
Degree of protection	IP65

### Operating characteristics

Models	ID-5000	ID-5020	ID-5040	ID-1000	ID-1021	ID-2000	ID-2020
OF Max.	600g	800g	600g	150g	220g	180g	240g
RF Min.	100g	100g	100g	40g	60g	50g	80g
PT Max.	2.0mm	2.0mm	2.0mm	13.5mm	8.5mm	11.0mm	6.5mm
OT Min.	6.0mm	6.0mm	6.0mm	4.0mm	2.5mm	3.0mm	2.0mm
MD Max.	0.8mm	0.8mm	0.8mm	3.2mm	2.0mm	2.4mm	1.5mm
OP	21.8±1.2mm	33.3±1.2mm	33.3±1.2mm	25±1mm	25±1mm	40±1mm	40±1mm
FP				35mm	32mm		46mm

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