

PRODUCT SPECIFICATION

SW2MS Series

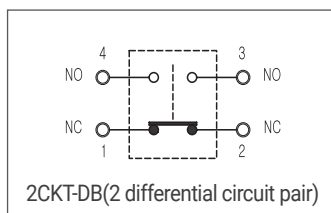
Materials Body, Head, Bolt & Nut, Roller, Spring Rod-Stainless Steel

Standard Housing color MUNSELL No. 7.5BG 7/2

Certificates KIMM

- Robust structure featuring a body and head made of STS316L stainless steel, offering exceptional corrosion and salt resistance, ideally suited for marine and chemical gas environments
- High mechanical strength effectively absorbs irregular dog motions transmitted to the actuator, ensuring more stable operation
- Stable operational characteristics maintained even after prolonged use, achieved through our proprietary dual-return spring system
- Superior corrosion resistance demonstrated in harsh polar and offshore conditions by employing stainless steel (STS) external bolts, nuts, and components
- Typical applications: Overhead cranes, large-scale conveyors, heavy industrial machinery
Outdoor plant facilities, ship deck machinery, port cargo handling equipment
Chemical plants with corrosive acidic or alkaline gases present
- Customizable low-temperature type (-40°C to +40°C) and high-temperature type (+50°C to +120°C) available upon request

Circuit & Electrical Rating

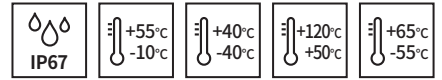


- 10A - 125V • 6A - 250V
- 0.8A - 125VDC • 0.4A - 125VDC

※Please refer to [Ratings and Circuit Configuration] in this catalogue for the rated voltage of each load.

Specifications

Protection Grade		IP67
Mechanical Life		Over 0.3 million operations
Electrical Life		Over 0.1 million operations
Allowable Operating Cycle	Mechanical	120 Operations per minute max.
	Electrical	30 Operations per minute max.
Insulation Resistance		100MΩ min. at 500V DC
Initial Resistance		50MΩ max.
Dielectric Strength	Between Non-continuous Terminal	1,000VAC, 50 to 60Hz for 1 minute
	Between Each Terminal and Non-conducting Metal Part	2,000VAC, 50 to 60Hz for 1 minute
Shock Resistance	Destruction	Approx. 1,000m/s ² (100G)
	Malfunction	Approx. 250m/s ² (25G)
Vibration Resistance		10 to 55Hz 1.5mm double amplitude(Double Amplitude)
Allowable Operating Temperature Range		-10°C to +55°C -40°C to +40°C(Cold-Resistant Type) +50°C to +120°C(Heat-Resistant Type) -55°C to +65°C(Compliant with RMRS Standard)
Ambient Humidity Range		45 to 85% RH
Certificates		



SW2MS Series Specifications

(Units: mm)

Appearance

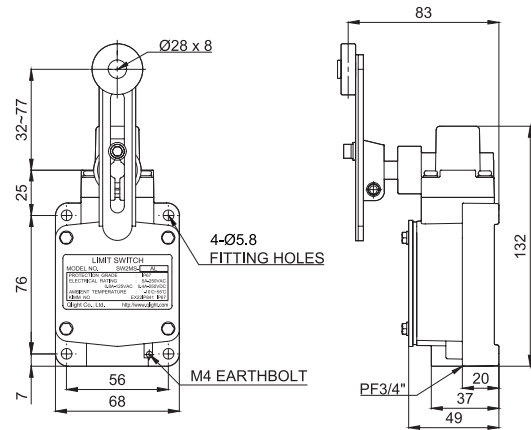
Detailed Specifications

Technical Diagram

·SW2MS-AL Adjustable Roller Lever



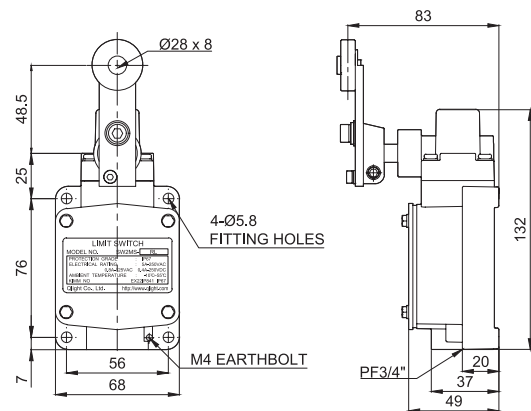
· Operating Characteristics	
OF max.g	1,380
RF min.g	260
PT	25° ±5°
MD max	10°
TT min	55°
· Weight	
SW2MS - AL	Abt. 1.45kg



·SW2MS-RL Roller Lever



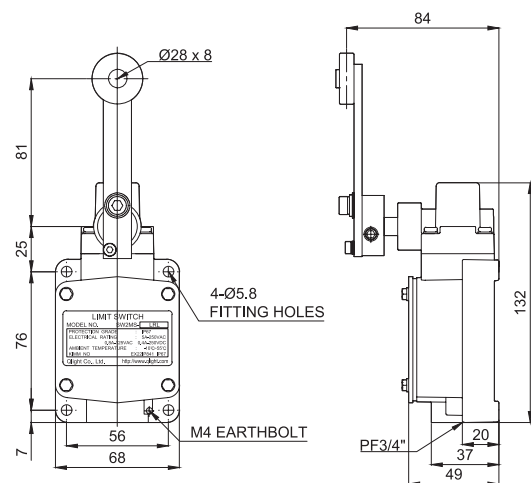
· Operating Characteristics	
OF max.g	1,380
RF min.g	260
PT	25° ±5°
MD max	10°
TT min	55°
· Weight	
SW2MS - RL	Abt. 1.44kg



·SW2MS-LRL Large Roller Lever



· Operating Characteristics	
OF max.g	1,380
RF min.g	260
PT	25° ±5°
MD max	10°
TT min	55°
· Weight	
SW2MS - LRL	Abt. 1.46kg



Remarks & Caution

- The size allowance not indicated on the above is ±0.4mm.
- In case the product is installed outdoor or for water-proof usage, use water-proof connector or cable gland for cable entry.
- Keep the cable entry airtight by using water-proof cap in case it is contemporary installed outdoor without using water-proof connector or cable gland.
- Power Entry Standard: PF3/4"