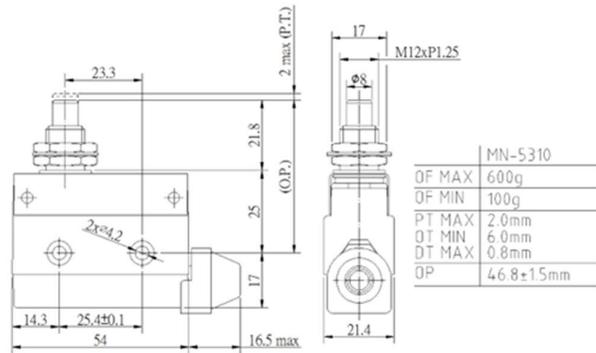


MN-5310



MN Series - Enclosed Basic Switch



◆ Characteristics

Positive Opening	Electrical Contact	Terminal Type	Contact Form(s)	Poles & Throws	Actuation Sequence(s)
No	3 Points	Screw	Form C	SPDT Snap	Break(1) Make(2)

Operating Temp.	AC Rated	DC Rated	IP	Oil Resist	Dust Resist	Water Resist	Operating Speed
-10 to 80 Celsius	10A 250V	0.5A 125V	65	Yes	Yes	Yes	0.01mm to 50cm/sec

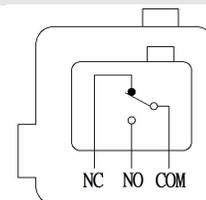
Operation Frequency	Contact Resistance	Insulation Resistance	Vibration
Mechanically: 120/min Electrically: 60/min	25mΩ max. (initial)	100MΩ min. (500VDC)	1.5mm amplitude at 10-55Hz

Storage Humidity	Service Life (min.)	Dielectric Strength
85% RH max	Mechanically: 10,000,000 operations Electrically: 500,000 operations	1000VAC, 50/60Hz for 1 minute between non-continuous terminals

Recommended tightening forces

Purpose	Screw type	Tightening
Mounting	M4	1.18~1.37 N·m
Panel Mount Screw Nut		2.94~4.92 N·m
Screw terminal		0.25±0.05 N·m

Circuitry



◆ Materials

Actuation touch part	Electrical contact point	Enclosure
Nylon, or Stainless Steel, or Teflon	Silver-Nickel alloy	PBT plastic and stainless steel top

◆ Series Nomenclature

Series:	Actuator:
MN –	5100
	5100 = Metallic plunger, short 5100-PT = Teflon plunger, short 5110 = Metallic Plunger 5110-PT = Teflon Plunger 5110L = Metallic Plunger, long 5110XL = Metallic Plunger, extra-long 5120 = Lever, straight, long 5121 = Lever, nylon roller, long 5124 = Lever, nylon roller, long, 1-way action 5140 = Lever, straight 5141 = Lever, nylon roller 5144 = Lever, nylon roller, 1-way action 5161 = Spring, metallic coil 5166 = Spring rod, nylon tip 5169 = Spring, cat whisker 5310 = Metallic Plunger, panel mount 5310-PT = Teflon Plunger, panel mount 5311 = Metallic Roller plunger, panel mount 5311-P = Nylon Roller plunger, panel mount 5311-PT = Teflon Roller plunger, panel mount 5312 = Cross metallic roller plunger 5312-P = Nylon Roller plunger, panel mount 5312-PT = Teflon Roller plunger, panel mount

◆ Features

- ✓ Durable PBT plastic body with stainless steel top cover
- ✓ Universal electromechanical limiting applications
- ✓ Slim side mount body design for tight space installations
- ✓ O-ring sealed actuators
- ✓ IP65 protection rating

◆ Recognition(s)

- ✓ CE – EN60947
- ✓ UL – UL-508
- ✓ CCC – GB14048.5-2008
- ✓ RoHS Compliant