

ME-8 Series

Enclosed Basic Switch

◆ Features

- ✓ Basic switch with Plastic cover and Zinc alloy bottom enclosure.
- ✓ Dust, water, and oil resistant
- ✓ Strain relief suitable for SJT18/4 18AWG cables
- ✓ Field adjustable actuator heads

◆ Recognition(s)

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



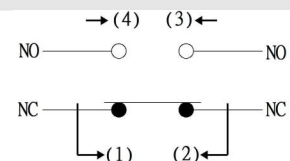
◆ Characteristics

Positive Opening	Electrical Contact	Terminal Type	Contact Form(s)		Poles & Throws		Actuation Sequence(s)	
No	4 Points	Screw	Form Z		SPDT-NC-NO		Double Break(1) Double Make(2)	
Operating Temp.		AC Rated	DC Rated	IP	Oil Resist	Dust Resist	Water Resist	Operating Speed
-15 to 70 Celsius		5A 250V	0.4A 115V	65	Yes	Yes	Yes	0.5mm to 50cm/sec
Operation Frequency		Contact Resistance			Insulation Resistance		Vibration	
Mechanically: 120/min Electrically: 30/min		15mΩ 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: 300,000 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
Enclosure cover		0.44±0.05 N·m
Screw terminal		0.25±0.05 N·m

Circuitry



◆ Materials

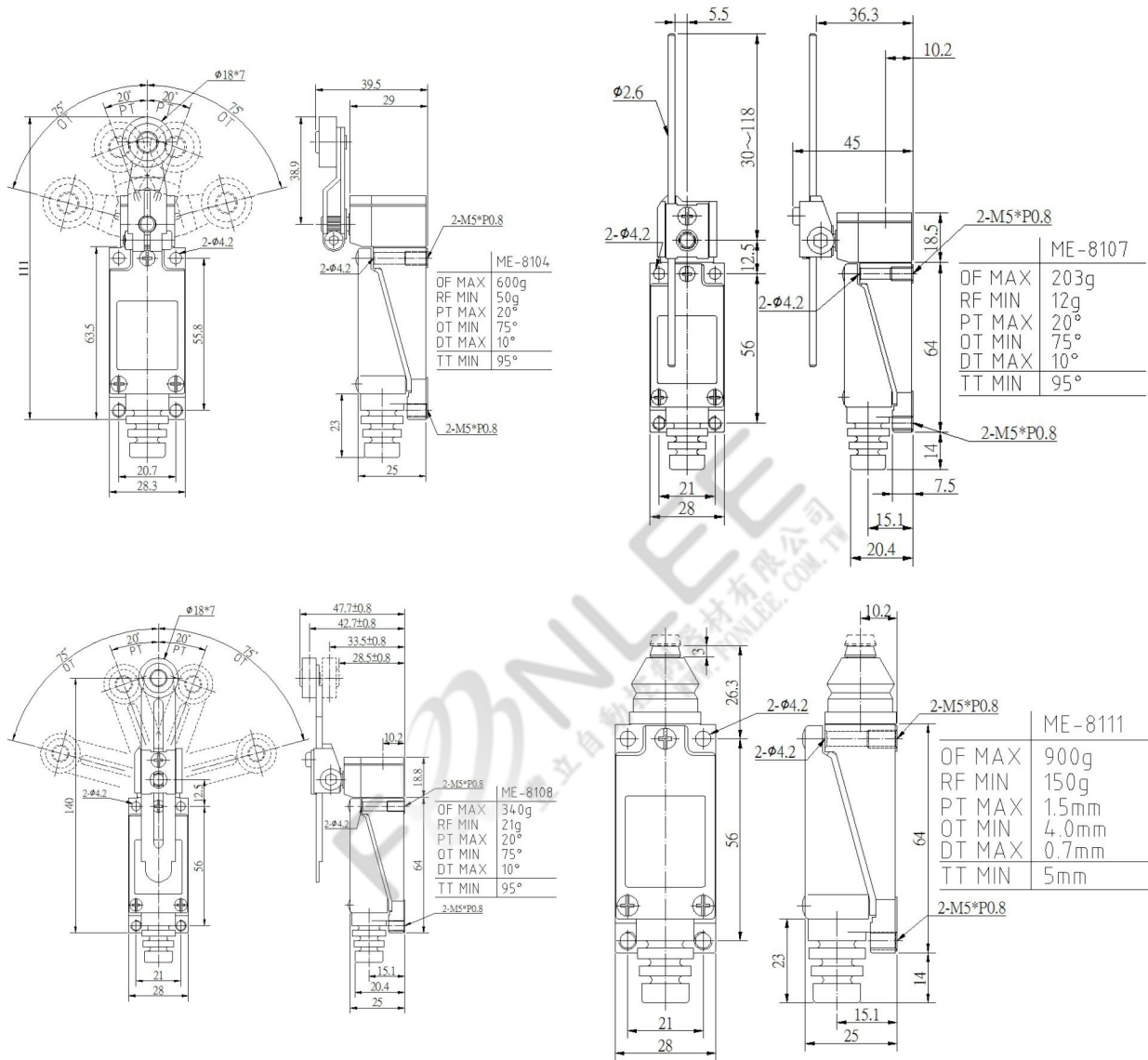
Actuation touch part	Electrical contact point	Enclosure
Nylon, or Stainless Steel, or Teflon	Silver 99.9%	Plastic top with Zinc alloy bottom

◆ Nomenclature

Series:	Actuator (and material):
ME –	8104
	8104 = Side rotary, nylon roller 8104-L = Side rotary, ø50mm rubber roller 8104-M = Side rotary, metallic roller 8107 = Side rotary, adjustable metallic rod 8108 = Side rotary, adjustable nylon roller 8108-L = Side rotary, adjustable ø50mm rubber roller 8108-M = Side rotary, adjustable metallic roller 8111 = Metallic plunger 8112 = Metallic roller plunger 8112-P = Nylon roller plunger 8112-PT = Teflon roller plunger 8122 = Cross metallic roller plunger 8122-P = Cross nylon roller plunger 8122-PT = Cross Teflon roller plunger 8166 = Metallic spring coil with nylon tip 8169 = Metallic spring coil with wire tip 9101 = Metallic spring coil 9101-HI = Metallic spring coil with solid stainless-steel tip

◆ Dimensions & Operating Characteristics

*Measurements in millimeters



ME-8104



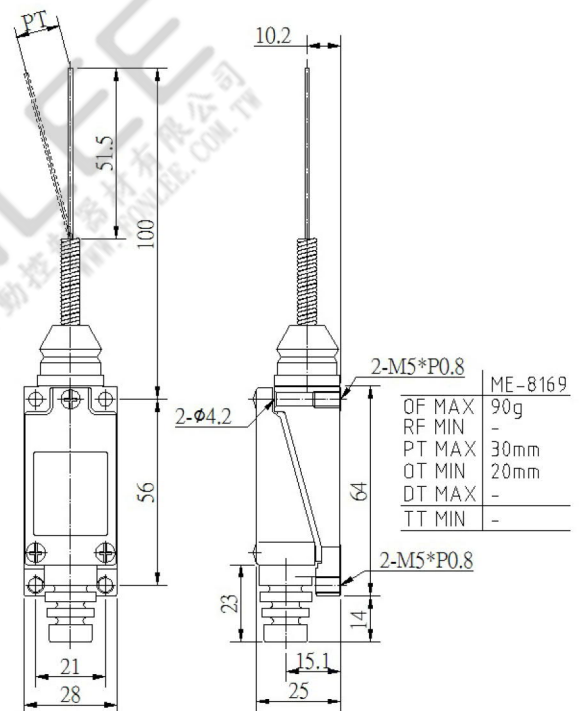
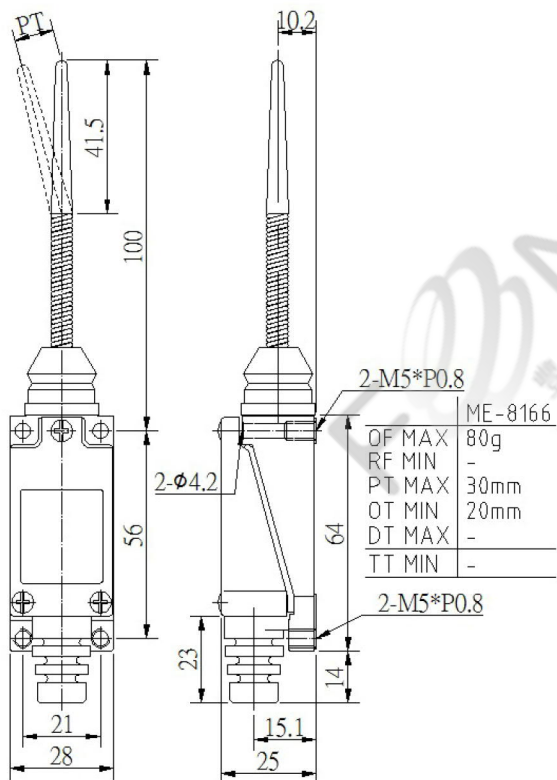
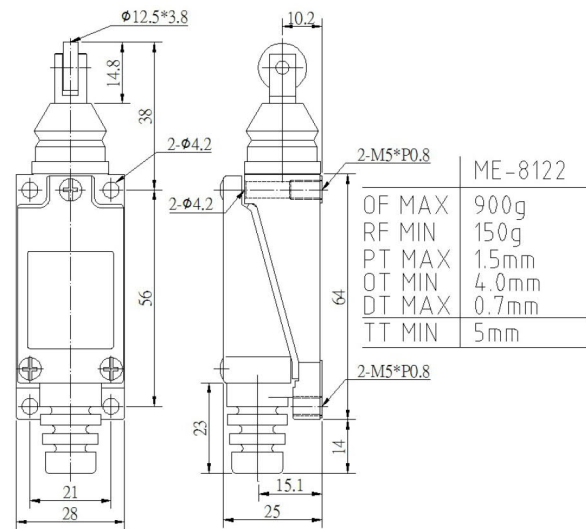
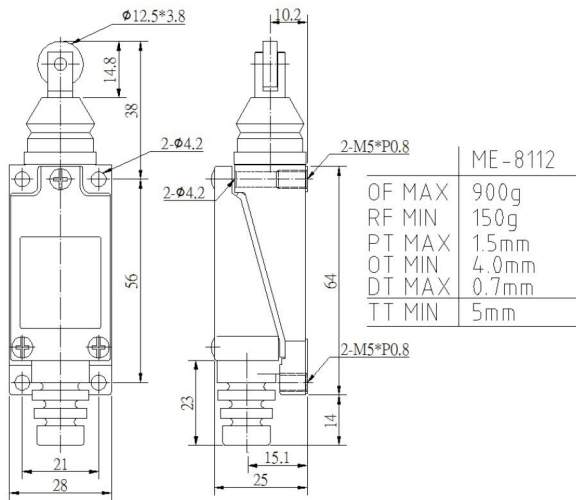
ME-8107



ME-8108



ME-8111



ME-8112



ME-8122



ME-8166



ME-8169

