
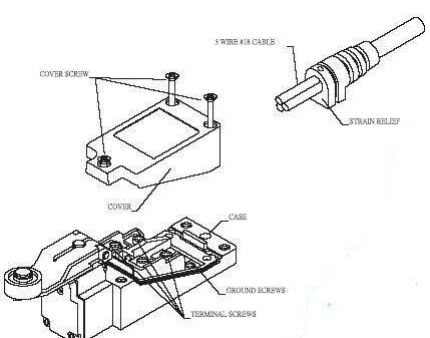
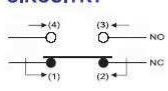
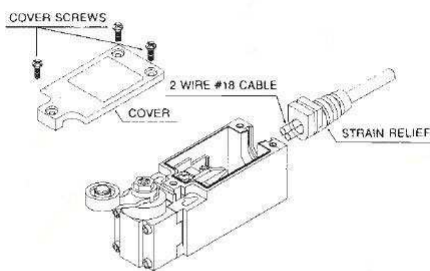
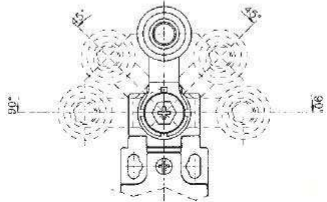


ME - CHARACTERISTICS ME-8111	
Rating	<ul style="list-style-type: none"> <li>• 5A at 250V AC (resistive)</li> <li>• 0.4A at 115V DC (resistive)</li> </ul>
Operating speed	<ul style="list-style-type: none"> <li>• 0.5mm to 50m/sec</li> </ul>
Operating frequency	<ul style="list-style-type: none"> <li>• Mechanically: 120 operations/min.</li> <li>• Electrically: 30 operations/min.</li> </ul>
Contact resistance	<ul style="list-style-type: none"> <li>• 15m <math>\Omega</math> max. (initial)</li> </ul>
Insulation resistance	<ul style="list-style-type: none"> <li>• 100M <math>\Omega</math> min. (at 500 VDC)</li> </ul>
Dielectric strength	<ul style="list-style-type: none"> <li>• 1,000 VAC, 50/60 Hz for 1 minute between non-continuous terminals</li> <li>• 2,000 VAC, 50/60 Hz for 1 minute between each terminal and non-current carrying metal part and between each terminal and ground</li> </ul>
Vibration	<ul style="list-style-type: none"> <li>• Malfunction durability: 10 to 55Hz 1.5mm double amplitude</li> </ul>
Shock	<ul style="list-style-type: none"> <li>• Mechanical durability: Approx 1,000m/sec (approx 100G's)</li> <li>• Malfunction durability: Approx. 300m/sec (approx 30G's)</li> </ul>
Ambient temperature	<ul style="list-style-type: none"> <li>• Operating: -15° to +70° C</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>• 95% RH max</li> </ul>
Service life	<ul style="list-style-type: none"> <li>• Mechanically: 10,000,000 operations min</li> <li>• Electrically: 300,000 operations min.</li> </ul>
Degree of protection	<ul style="list-style-type: none"> <li>• IEC 529 class IP65</li> </ul>

FEATURES	
<ul style="list-style-type: none"> <li>• Variety of operating characteristics</li> <li>• Wide choice of heads and actuators</li> <li>• Captive cover screws</li> <li>• Mode of operation is field adjustable</li> <li>• International grounding screw</li> <li>• Dust proof, Oil-Tight, Water Resistant</li> <li>• Temperature range +5° F to +160° F</li> <li>• Temperature range -15° C to 70° C</li> </ul>  <p><b>Easy Wiring Diagram</b></p> 	<p><b>CIRCUITRY</b></p>    <p>FIVE OPERATING POSITIONS AVAILABLE</p>
<p><b>Field Adjustable</b></p> <p>Rotary motion roller lever and rod actuators are adjustable through 360°. They may be set for operation clockwise, counter-clockwise, or in both directions. Operating heads maybe positioned in any of four 90°.</p>	<p><b>Easy Wiring</b></p> <ul style="list-style-type: none"> <li>• Loosen cover screws and remove cover</li> <li>• Remove rubber strain relief from switch cover</li> <li>• slip strain relief over cable</li> <li>• Fasten terminal screws tightly after inserting cables or terminals</li> <li>• After wiring, insert strain relief into the groove of the switch cover</li> <li>• Fasten 3 cover screws evenly. Do not over tighten</li> <li>• Recommended Cable #18/2 SJT Flexible</li> </ul>

**ME-8111**

OF MAX	900g
RF MIN	150g
PT MAX	1.5mm
OT MIN	4.0mm
DT MAX	0.7mm
TT MIN	5mm

mm

in

7.276 dia.

stainless steel plunger

PT 1.5 max

3  
.1182-4.1  $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$  dia.  
mounting holes.161  $\begin{smallmatrix} +0.008 \\ 0 \end{smallmatrix}$  dia.  
mounting holesM3x6  
cover screw2-M3x23  
cover screw26.5  
1.04356 $\pm$ 0.3  
2.205 $\pm$ .01221 $\pm$ 0.2  
.827 $\pm$ .00828  
1.10210.2  
.4024  
.15720.4 $\pm$ 0.3  
.803 $\pm$ .0122-M5 (P=0.8) tapped  
7.276 in depth  
mounting holes64  
2.5202-M5 (P=0.8) tapped  
mounting holes14  
.5517.5 $\pm$ 0.2  
.295 $\pm$ .00815.1  
.59425  
.984

(Standard type)