

# MICRO SWITCH™ ZM Series Subminiature Switch

## Product Nomenclature

**Honeywell**

For example, a **ZM50E10E01** part number would define a MICRO SWITCH™ ZM Series subminiature switch with a simulated roller lever, rated at 5 A, SPDT, 146 g max. operating force, and straight solder terminals



Switch Type	Current Rating	Operating Force (at pin plunger)	Terminal Type	Actuator Type (Integral Levers)	Circuitry	Special Designator <sup>2</sup>
<b>ZM Series Subminiature Basic Switch</b>	<b>10</b> 0.1 A 125 Vac (Gold-plated contacts)	<b>B</b> 60 g max. <b>D</b> 104 g max. <b>E</b> 146 g max. <b>G</b> 249 g max.	<b>10</b> Solder, straight	<b>A</b> Pin plunger	<b>01</b> SPDT	A special designator character(s) is used when there is a special modification to the switch. A special designator is required when Terminal Type is "99" or Actuator Type is "S".
	<b>50</b> 5 A; 125 Vac/250 Vac	<b>D</b> 104 g max. <b>E</b> 146 g max. <b>G</b> 249 g max.	<b>20</b> PCB, straight	<b>B</b> Short straight lever, 16,7 mm [0.66 in] length	<b>03</b> SPNO	
	<b>90</b> 10.1 A; 125 Vac/250 Vac <sup>1</sup>	<b>G</b> 249 g max.	<b>50</b> PCB, right angle	<b>C</b> Standard straight lever, 18,7 mm [0.74 in] length	<b>04</b> SPNC	
			<b>60</b> PCB, left angle	<b>D</b> Long straight lever, 24,8 mm [0.98 in] length		
			<b>70</b> Quick connect 0.110 in	<b>E</b> Stnd sim. roller lever, 18,0 mm [0.71 in] length R 2,75 mm		
			<b>99</b> SPECIAL <sup>2</sup>	<b>F</b> Roller lever, 16,6 mm [0.65 in] length Ø4,8 mm roller		
				<b>H</b> Small sim. roller lever, 17,9 mm [0.70 in] length R 1,3 mm		
				<b>J</b> Extended straight lever, 55,2 mm [2.17 in] length		
				<b>K</b> Straight lever, 35,2 mm [1.39 in] length		
				<b>L</b> L-shaped lever, 31,5 mm [1.24 in] length		
				<b>M</b> Large sim. roller lever, 21,1 mm [0.83 in] length R 2,45 mm		
				<b>S</b> SPECIAL lever <sup>2</sup>		

Not all combinations of model code are available.  
Please contact your Honeywell representative or distributor for assistance.

**NOTES:**

- <sup>1</sup> Switches with 10.1 A rating are only available with "G" operating force.
- <sup>2</sup> Terminal Type "99" or Actuator Type "S" designates a special and therefore requires a special designator character(s) at the end of the listing.