

# 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

|  | ZM          | 50                                              | E                                | 10                               | E                                         | 01                         | —                                                                                                                                                                                                                                      |  |
|-----------------------------------------------------------------------------------|-------------|-------------------------------------------------|----------------------------------|----------------------------------|-------------------------------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                                                                                   | Switch Type | Current Rating                                  | Operating Force (at pin plunger) | Terminal Type                    | Actuator Type (Integral Levers)           | Circuitry/ Agency Approval | Special Designator #2                                                                                                                                                                                                                  |  |
| ZM Series Subminiature                                                            |             | <b>10</b> 0.1 A 125 Vac (Gold-plated)           | <b>B</b> 60 g max.               | <b>10</b> Solder, straight       | <b>A</b> Pin plunger                      | <b>01</b> SPDT UL/CSA      | A special designator letter is used only when Terminal Type is "99" or Actuator Type is "S" to specify that the termination or the actuator of the switch is special. Review Product Specification to determine the exact differences. |  |
|                                                                                   |             | <b>50</b> 5 A; 125 Vac/ 250 Vac                 | <b>D</b> 104 g max.              | <b>20</b> PCB, straight          | <b>B</b> Short straight lever (14,6mm)    | <b>03</b> SPNO UL/CSA      |                                                                                                                                                                                                                                        |  |
|                                                                                   |             | <b>90</b> 10.1 A; 125 Vac/ 250 Vac <sup>2</sup> | <b>E</b> 146 g max.              | <b>50</b> PCB, right angle       | <b>C</b> Std. straight lever (16,6 mm)    | <b>04</b> SPNC UL/CSA      |                                                                                                                                                                                                                                        |  |
|                                                                                   |             |                                                 | <b>G</b> 249 g max.              | <b>60</b> PCB, left angle        | <b>D</b> Long straight lever (22,7 mm)    |                            |                                                                                                                                                                                                                                        |  |
|                                                                                   |             |                                                 |                                  | <b>70</b> Quick connect 0.110 in | <b>E</b> Standard sim. roller lever       |                            |                                                                                                                                                                                                                                        |  |
|                                                                                   |             |                                                 |                                  | <b>99</b> SPECIAL <sup>3</sup>   | <b>F</b> Roller lever                     |                            |                                                                                                                                                                                                                                        |  |
|                                                                                   |             |                                                 |                                  |                                  | <b>H</b> Small simulated roller lever     |                            |                                                                                                                                                                                                                                        |  |
|                                                                                   |             |                                                 |                                  |                                  | <b>J</b> Longest straight lever (52,9 mm) |                            |                                                                                                                                                                                                                                        |  |
|                                                                                   |             |                                                 |                                  |                                  | <b>K</b> Longer straight lever (33,1 mm)  |                            |                                                                                                                                                                                                                                        |  |
|                                                                                   |             |                                                 |                                  |                                  | <b>L</b> L-Shaped lever                   |                            |                                                                                                                                                                                                                                        |  |
|                                                                                   |             |                                                 |                                  |                                  | <b>M</b> Large simulated roller lever     |                            |                                                                                                                                                                                                                                        |  |
|                                                                                   |             |                                                 |                                  |                                  | <b>S</b> SPECIAL lever <sup>3</sup>       |                            |                                                                                                                                                                                                                                        |  |

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

### NOTES:

- <sup>1</sup> Nomenclature is for identification purposes only, not all combinations are possible. Variations not set up would require minimum volumes to establish
- <sup>2</sup> Switches with 10.1 A rating are only available with "G" operating force
- <sup>3</sup> Terminal Type "99" or Actuator Type "S" designates a special and therefore requires a special designator letter at the end of the listing
- <sup>4</sup> Establishing new nomenclature may require notification to UL/CSA approvals agencies
- <sup>5</sup> Case and cover are made of Nylon