

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
Switch Type
ZM Series
Subminiature
Basic
Switch

50
Current
Rating
10 0.1 A 125 Vac
(Gold-plated
contacts)

50 5 A; 125 Vac/
250 Vac

90 10.1 A; 125 Vac/
250 Vac¹

E
Operating Force
(at pin plunger)

B 60 g max.
D 104 g max.
E 146 g max.
G 249 g max.

D 104 g max.
E 146 g max.
G 249 g max.

G 249 g max.

10
Terminal
Type

10 Solder,
straight

20 PCB, straight

50 PCB,
right angle

60 PCB,
left angle

70 Quick connect
0.110 in

99 SPECIAL²

E
Actuator Type
(Integral Levers)

A Pin plunger

B Short straight
lever, 16,7 mm
[0.66 in] length

C Standard straight
lever, 18,7 mm
[0.74 in] length

D Long straight lever,
24,8 mm [0.98 in]
length

E Stnd sim. roller lever,
18,0 mm [0.71 in] length
R 2,75 mm

F Roller lever, 16,6 mm
[0.65 in] length
Ø4,8 mm roller

H Small sim. roller lever,
17,9 mm [0.70 in] length
R 1,3 mm

J Extended straight lever,
55,2 mm [2.17 in]
length

K Straight lever,
35,2 mm [1.39 in]
length

L L-shaped lever,
31,5 mm [1.24 in]
length

M Large sim. roller lever,
21,1 mm [0.83 in] length
R 2,45 mm

S SPECIAL lever²

01
Circuitry

01 SPDT

03 SPNO

04 SPNC

—
Special
Designator²

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".

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

NOTES:

¹ Switches with 10.1 A rating are only available with "G" operating force.

² Terminal Type "99" or Actuator Type "S" designates a special and therefore requires a special designator character(s) at the end of the listing.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Honeywell:](#)

[ZM10B70F01](#) [ZM50E10B01](#) [ZM50E70C01](#) [ZM10E20C01](#) [ZM50D20C01](#) [ZM50D10D01](#) [ZM10D10E01](#)
[ZM50E20C01](#) [ZM50G70S03-A](#) [ZM50E60A01](#) [ZM50B70A01](#) [ZM10B70C01](#) [ZM50E50A01](#) [ZM10E70A03](#)
[ZM90G20D01](#) [ZM90G10A01](#) [ZM10E10D01](#) [ZM50B50F01](#) [ZM90G10C01](#) [ZM50D10F01](#) [ZM50E10F01-A](#)