

# B3S-5 Sealed Basic Switch

Sealed Basic Switch with Integral Lever Actuators



"U" Shaped  
Lever Style 2



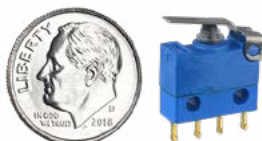
In-Line Roller  
Lever Style 3



Standard Straight  
Lever Style 1

The B3S-5 sealed, subminiature basic switch is made with an integral actuating lever, combining the switch and actuator into one assembly. Sealed to IP68S, the snap-action switch is tested to 1 million cycles at logic level, offering reliable operation in demanding applications and precision in terms of accuracy and repeatability.

The B3S-5 subminiature switch is designed for use in places where space is limited, including internally within toggle, pushbutton and limit switches. It works well in the aerospace, industrial and material handling markets for applications such as conveyor belts, forklifts, ON/OFF switches, door latching mechanisms, fire suppression systems, and timing devices.



Actual Size

### Features:

- Integral Lever Actuators
- Sealed to IP68S
- Double break circuit
- Logic level switching option tested to 1 million electrical cycles
- 0.200" switch width
- Choice of 11 standard terminal styles or wire leads
- RoHS compliant

### Benefits:

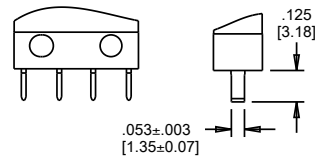
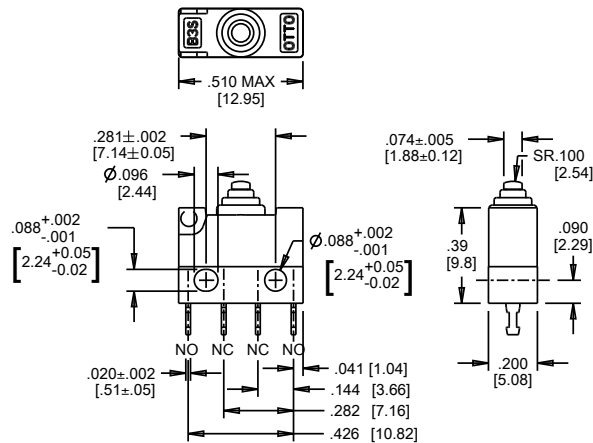
- Great for use where space is limited
- No auxiliary parts to assemble
- Versatile and reliable

# B3S-5 Sealed Basic Switch

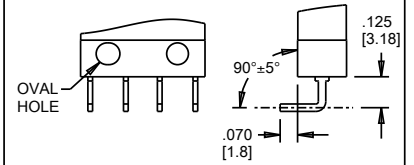
SEALED BASIC SWITCH WITH INTEGRAL LEVER ACTUATORS

## PRODUCT BULLETIN

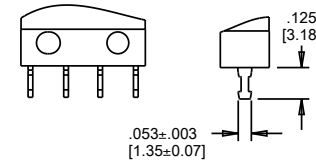
### BASIC SWITCH DIMENSIONS (APPLIES TO ALL SWITCHES IN THIS DRAWING)



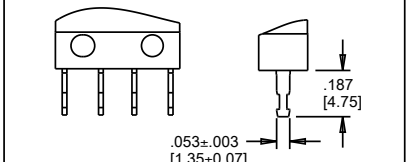
TERMINAL STYLE 1  
PC PINS



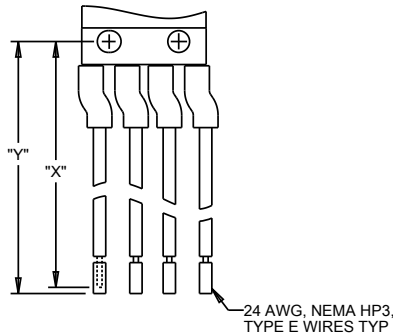
TERMINAL STYLE 5  
RIGHT ANGLE PC PINS



TERMINAL STYLE 2  
TURRET, 1/8" LONG



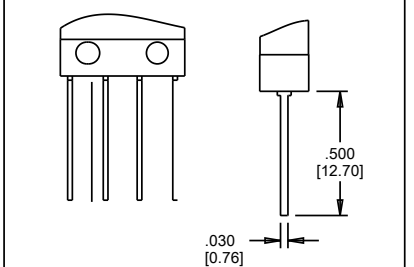
TERMINAL STYLE 3  
TURRET, 3/16" LONG



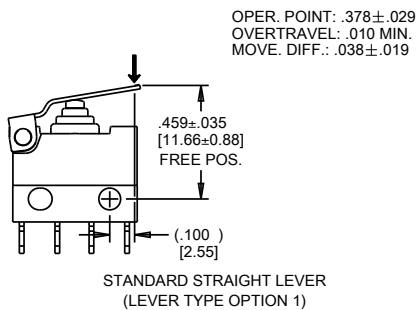
TERMINAL NO.	WIRE COLOR
1	BROWN
2	YELLOW
3	RED
4	BLUE

WIRE LENGTH CODE	DIM. "X"	DIM. "Y"
A	6.00±.38 [152.4±9.7]	6.09±.38 [154.7±9.7]
B	12.00±.50 [304.8±12.7]	12.09±.50 [307.1±12.7]
C	18.00±.50 [457.2±12.7]	18.09±.50 [459.5±12.7]
D	24.00±.50 [609.6±12.7]	24.09±.50 [611.9±12.7]
E	30.00±.75 [762.0±19.05]	30.09±.75 [764.3±19.05]

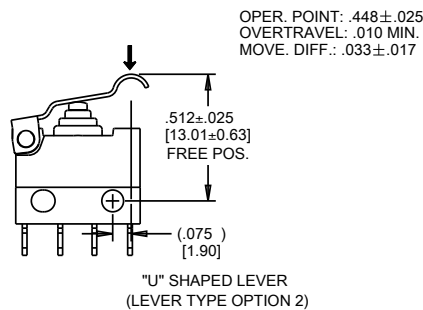
WIRE LENGTH FOR A, B, C, D, & E



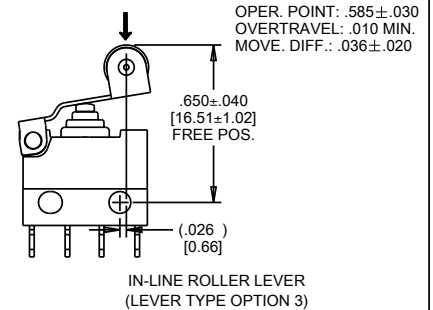
TERMINAL STYLE 4  
WIRE WRAP



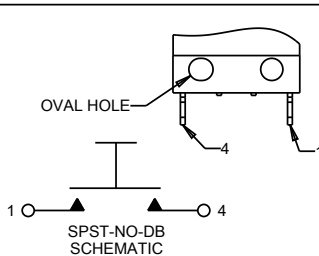
STANDARD STRAIGHT LEVER  
(LEVER TYPE OPTION 1)



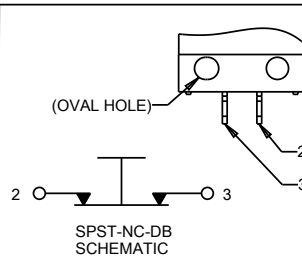
"U" SHAPED LEVER  
(LEVER TYPE OPTION 2)



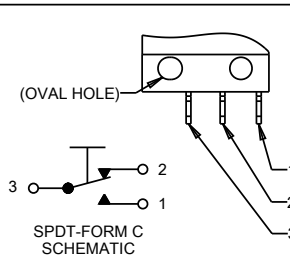
IN-LINE ROLLER LEVER  
(LEVER TYPE OPTION 3)



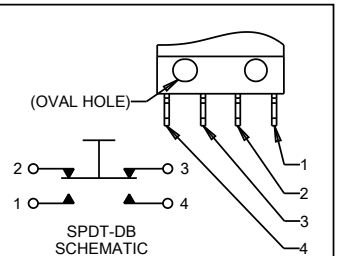
CIRCUIT STYLE 1  
SPNO-DB, FORM X



CIRCUIT STYLE 2  
SPNC-DB, FORM Y



CIRCUIT STYLE 3  
SPDT, FORM C



CIRCUIT STYLE 4  
SPDT-DB, FORM Z