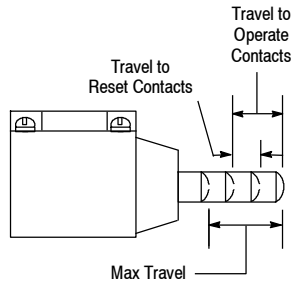


## Limit Switches

# 802M Push Type • Spring Return

## Pre-Wired—Factory Sealed Switches

### Range of Operation



### Product Selection

No. of Circuits	Operator Type	Contact Operation		Force to Operate (Max)	Travel to Operate Contacts (Max)	Max Travel	Travel to Reset Contacts (Max)	Cat. No.		
		Normal	Operated					Complete Switch ①	Operator Head Only	Switch Body Only ①
2	Top Push Rod	$\begin{array}{c} 1 \circ \quad \circ 2 \\ 3 \circ \quad \circ 4 \end{array}$	$\begin{array}{c} 1 \circ \quad \circ 2 \\ 3 \circ \quad \circ 4 \end{array}$	13.3 N (3 lb)	1.45 mm (0.057 in.)	5.26 mm (0.207 in.)	0.56 mm (0.022 in.)	802M-BY5	802M-BX	802M-XY5
	Adjustable Top Push Rod			20 N (4.5 lb)	2.59 mm (0.102 in.)	5.16 mm (0.203 in.)	1.14 mm (0.045 in.)	802M-BAY5	802M-BAX	
	Side Push Rod			14.7 N (3.3 lb)	1.45 mm (0.057 in.)	5.26 mm (0.207 in.)	0.56 mm (0.022 in.)	802M-CY5	802M-CX	
	Top Push Roller			20 N (4.5 lb)	2.59 mm (0.102 in.)	5.1 mm (0.203 in.)	1.14 mm (0.045 in.)	<b>802M-DY5</b>	<b>802M-DX</b>	
	Side Push Vertical Roller						<b>802M-KY5</b>	<b>802M-KX</b>		
	Side Push Horizontal Roller						802M-K1Y5	802M-K1X		
	Adjustable Side Push Rod						802M-CAFY5	802M-CAFX		
4	Top Push Rod	$\begin{array}{c} 1 \circ \quad \circ 2 \\ 3 \circ \quad \circ 4 \\ 5 \circ \quad \circ 6 \\ 7 \circ \quad \circ 8 \end{array}$	$\begin{array}{c} 1 \circ \quad \circ 2 \\ 3 \circ \quad \circ 4 \\ 5 \circ \quad \circ 6 \\ 7 \circ \quad \circ 8 \end{array}$	13.3 N (3.5 lb)	1.45 mm (0.057 in.)	5.13 mm (0.202 in.)	0.076 mm (0.030 in.)	802M-BTY5	802M-BX	802M-XTY5
	Adjustable Top Push Rod			20 N (4.5 lb)	3.18 mm (0.125 in.)	5.54 mm (0.218 in.)	1.14 mm (0.045 in.)	802M-BATY5	802M-BAX	
	Side Push Rod			14.7 N (3.5 lb)	1.45 mm (0.057 in.)	5.13 mm (0.202 in.)	0.076 mm (0.030 in.)	802M-CTY5	802M-CX	
	Top Push Roller			20 N (4.5 lb)	3.18 mm (0.125 in.)	5.54 mm (0.218 in.)	1.14 mm (0.045 in.)	802M-DTY5	802M-DX	
	Side Push Vertical Roller							802M-KTY5	802M-KX	
	Side Push Horizontal Roller							802M-K1TY5	802M-K1X	
	Adjustable Side Push Rod							802M-CAFTY5	802M-CAFX	

① The standard length of STO cable is 1.52 m (5 ft). For other lengths see Modifications and Accessories.

**Wiring Diagrams—See page 5-24.**

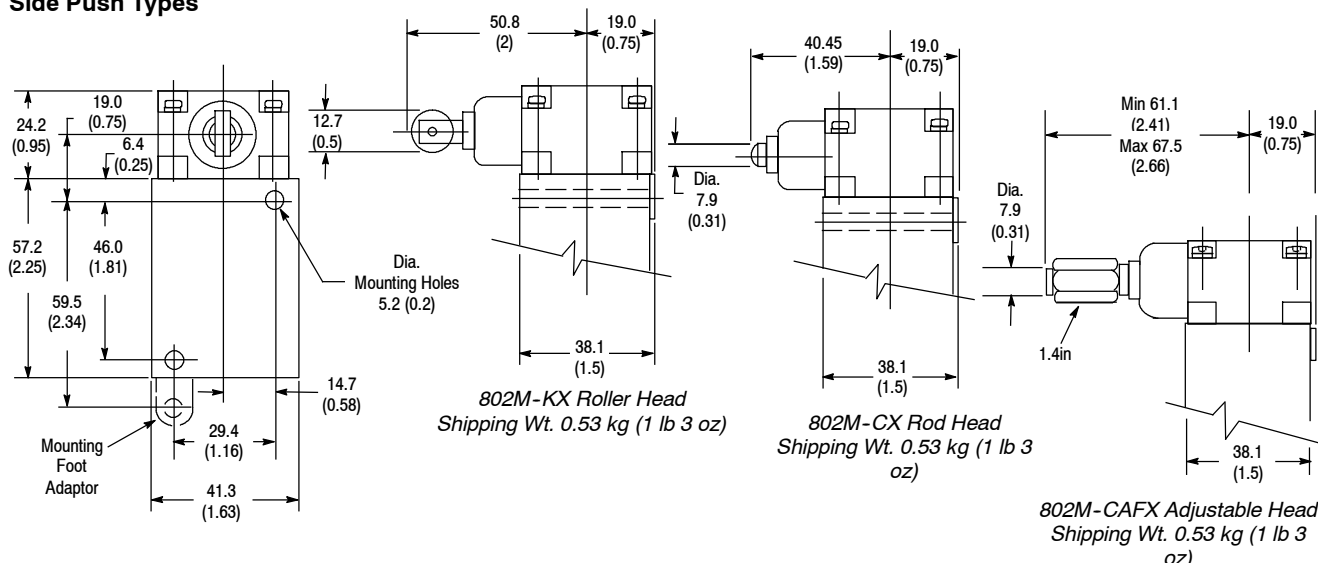
**Modifications and Accessories—See page 5-27.**

# 802M Push Type • Spring Return

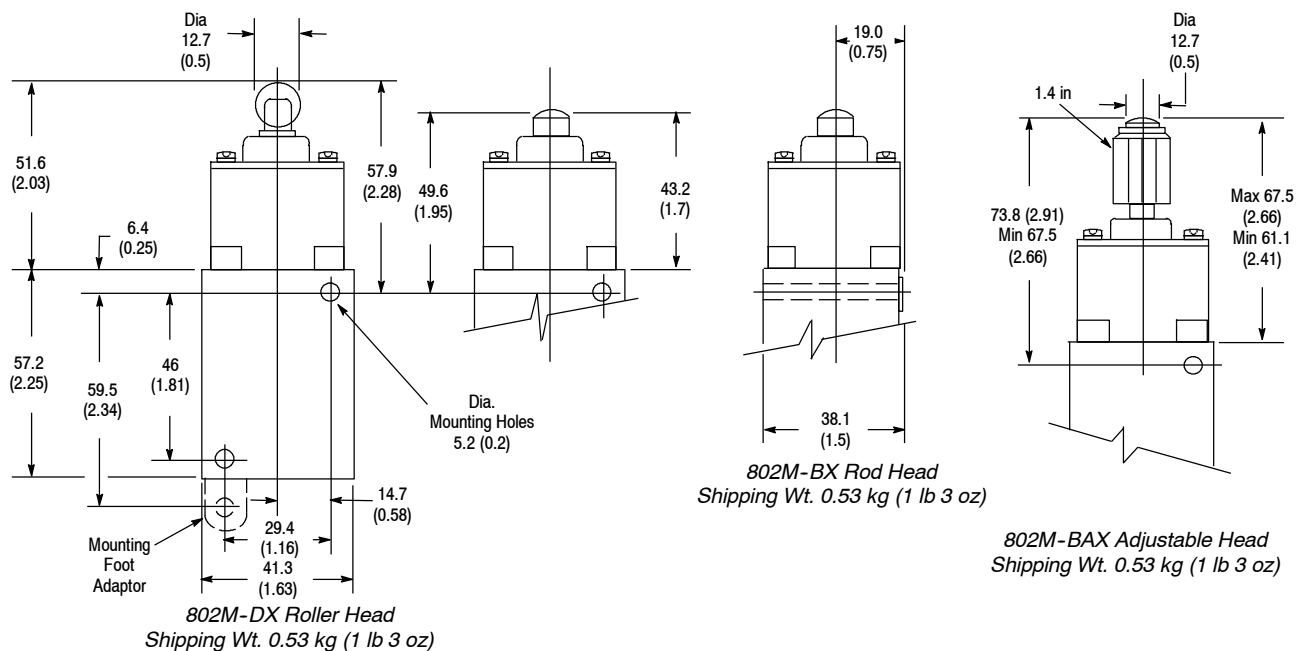
Pre-Wired—Factory Sealed Switches

## Approximate Dimensions [mm (in.)]

### Side Push Types



### Top Push Types



**Note:** Mounting foot adaptor as shown above is for use with 2-circuit 802M type switches only.

**Wiring Diagrams**—See page 5-24.

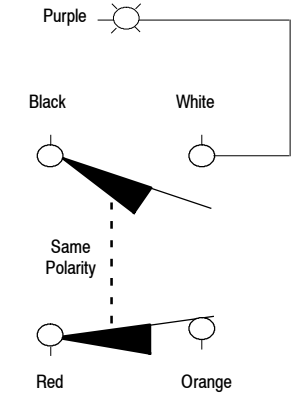
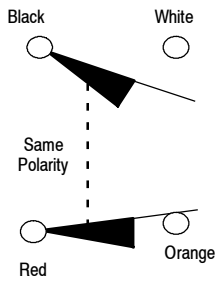
**Modifications and Accessories**—See page 5-27.

# 802M Wiring Diagrams for 2-Circuit Models

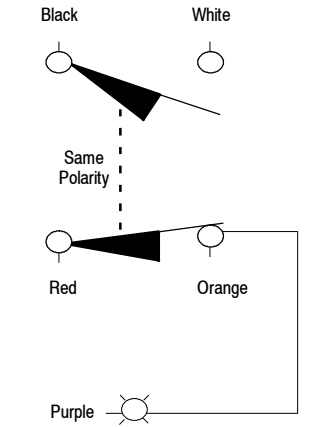
Pre-Wired—Factory Sealed Switches

## Cable Models

(See Applicable Codes and Laws)



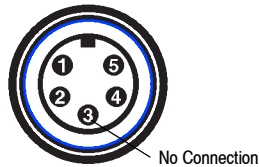
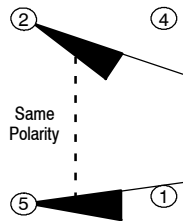
Light Wired to N.O. (White) Wire



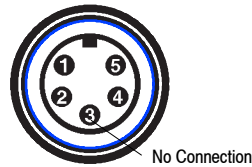
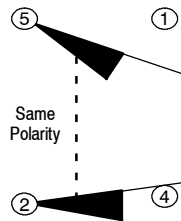
Light Wired to N.C. (Orange) Wire

## 5-Pin Mini-Type Receptacle

“J1” Wiring

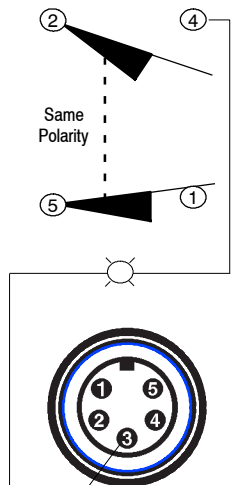


“J9” Wiring

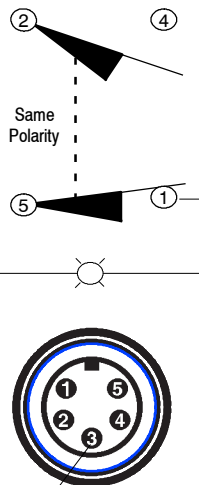


## 5-Pin Mini-Type Receptacle with One Indicating Light

“J1” Wiring

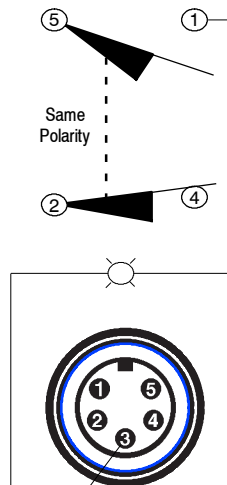


Light Wired to N.O.

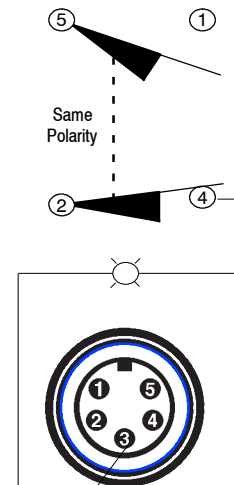


Light Wired to N.C.

“J9” Wiring



Light Wired to N.O.



Light Wired to N.C.