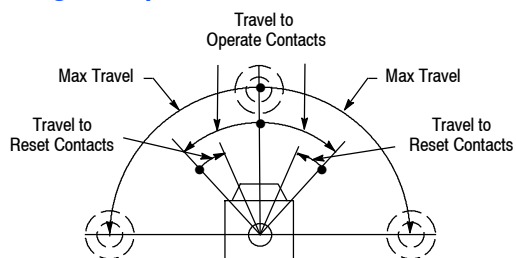


## 802MC Lever Type • Spring Return

Corrosion-Resistant Pre-Wired—Factory Sealed Switches

### Range of Operation



Complete Switch Without Lever



Operator Head Only



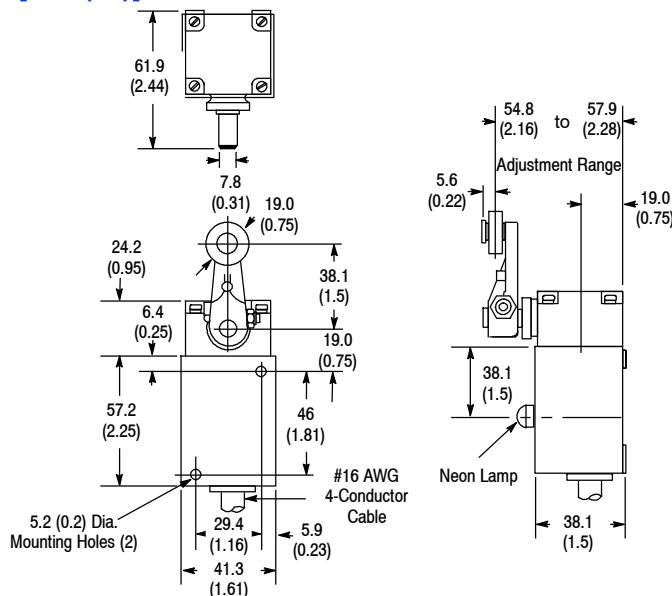
Base Only

### Product Selection

No. of Circuits	Lever Movement vs. Contact Operation	Torque to Operate (Max)	Travel to Operate Contacts (Max)	Max Travel	Travel to Reset Contacts (Max)	Cat. No.		
						Complete Switch w/o Lever ①	Operator Head Only	Switch Only ①
2	Clockwise or Counterclockwise	0.34 N•m (3 lb•in)	15°	86°	6°	802MC-AY5	802MC-AX	802MC-XY5
	Clockwise					802MC-A1Y5	802MC-A1X	
	Counterclockwise					802MC-A2Y5	802MC-A2X	

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

### Approximate Dimensions [mm (in.)]



**Levers**—See page 5-130 for a complete listing of operating levers.

**Wiring Diagrams**—See page 5-32.

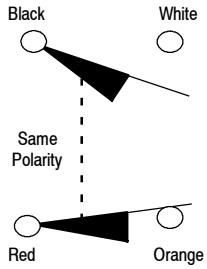
**Modifications and Accessories**—See page 5-33.

# 802MC Wiring Diagrams

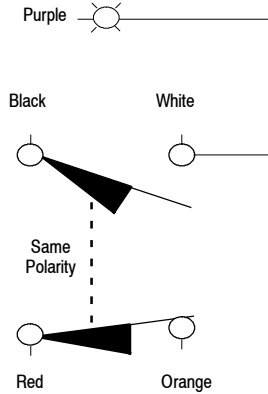
Corrosion-Resistant Pre-Wired—Factory Sealed Switches

## Cable Models

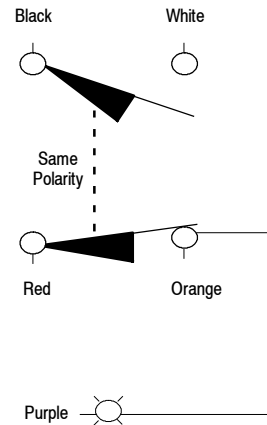
(See Applicable Codes and Laws)



## Cable Models with Indicating Light

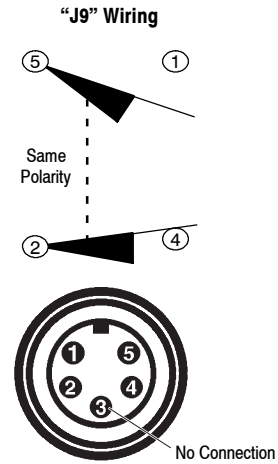
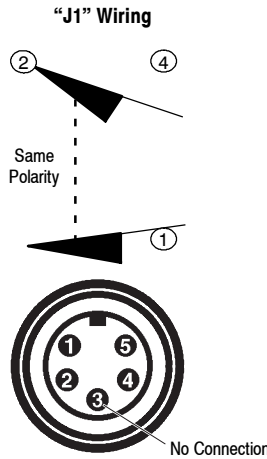


Light Wired to N.O. (White) Wire

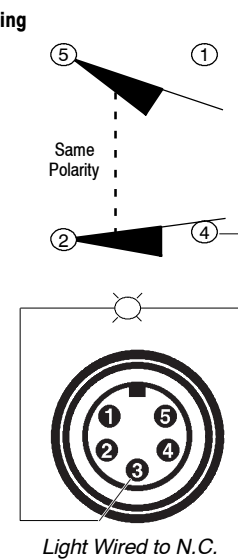
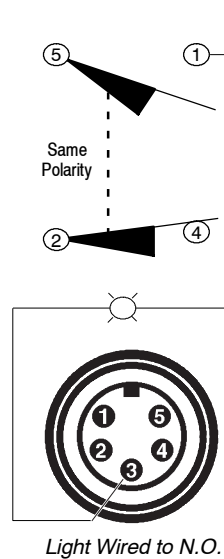
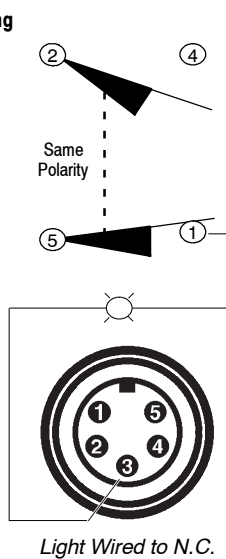
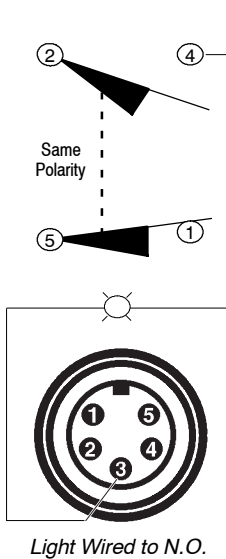


Light Wired to N.C. (Orange) Wire

## 5-Pin Mini-Type Receptacle



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



## 802MC Modifications

## Corrosion-Resistant Pre-Wired—Factory Sealed Switches



Neon Indicating Light

### Indicating Light

Bulletin 802MC pre-wired limit switches can be supplied with an indicating light wired to one side of either the N.O. or N.C. contact. The second lead of the light is available as a fifth conductor for wiring flexibility.

To order, add the appropriate suffix listed in the table below to the cat. no.. Example: Cat. No. 802MC-AY5 with a 120V AC LED indicating light wired across the N.O. contact would be Cat. No. 802MC-AY5L1F.

#### LED Indicating Light

Voltage	Wired to	Cat. No. Suffix
24V DC ①	N.O. Contact	LF
	N.C. Contact	LC
120V AC 50-60 Hz	N.O. Contact	L1F
	N.C. Contact	L1C

#### Neon Indicating Light

Voltage	Wired to	Cat. No. Suffix
120V AC 50-60 Hz	N.O. Contact	NF
	N.C. Contact	NC
240V AC 50-60 Hz	N.O. Contact	N5F
	N.C. Contact	N5C

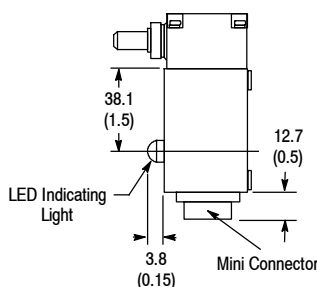


5-Pin Mini-Type Receptacle

### 5-Pin Mini-Type Receptacle ②—2-Circuit Contact Block

To order a Bulletin 802MC pre-wired limit switch with a 5-pin mini connector in place of the 1.52 m (5 ft) of "STO" ③ cable, replace the **Y5** in the cat. no. with the suffix **J1** or **J9** depending upon the wiring configuration required. Maximum voltage rating for this receptacle is 250V AC.

An appropriate female connector with cable (889N-F5AFC-6F) is available on page 8-4 in Connection Systems.



- ① Requires switch to be rated for 24V DC operation.
- ② A 5-pin mini-type receptacle is supplied to facilitate retrofitting existing installations. The normal ground wire pin is not required and is not connected inside the switch.
- ③ STO is a common identification of this cable. The more complete identification of the cable used on the Bulletin 802M is ST00W-A which incorporates an oil resistant jacket and conductor insulation, for indoor and outdoor use.

### Cable Length

The factory installed pre-wired, type STO cable is normally supplied in 1.52 m (5 ft) lengths. Extended cable lengths are available in multiples of 4 feet. To order, replace the suffix **Y5** in the cat. no. with the appropriate suffix from the table below. Example: To order a lever type spring return switch with 1.83 m (8 ft) of STO cable the cat. no. would be 802MC-AY8.

Modification	Cat. No. Suffix
1.83 m (8 ft) Cable	Y8
3.66 m (12 ft) Cable	Y12
4.78 m (16 ft) Cable	Y16

### 2-Circuit 24V DC Switches

All 2-circuit 802MC limit switches are available with silver-nickel contacts and rated for 24V DC applications. To order a switch rated for 24V DC use, insert the letter **Z** before the cable or connection designation. Example: 802MC-AZY5 is a 24V DC version of the 802MC-AY5. The use of the 24V DC pilot light option requires the switch be rated for 24V DC operation.