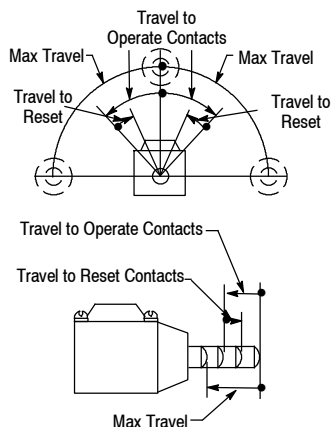
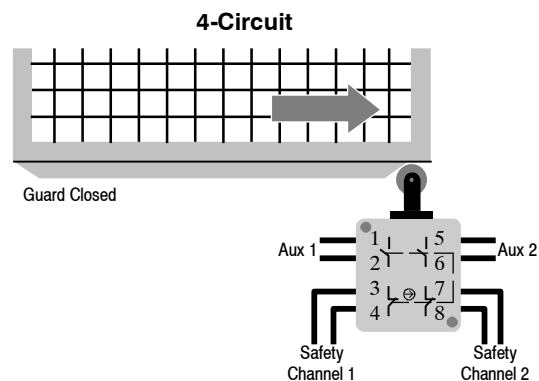
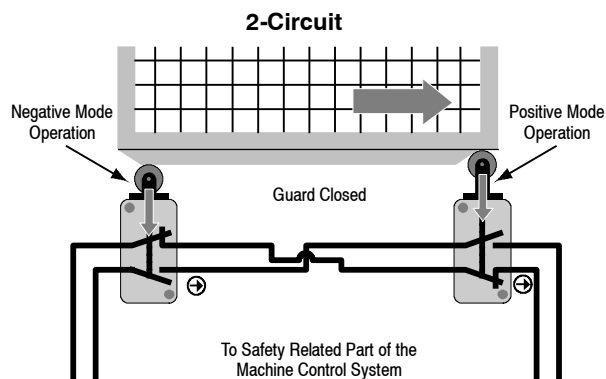
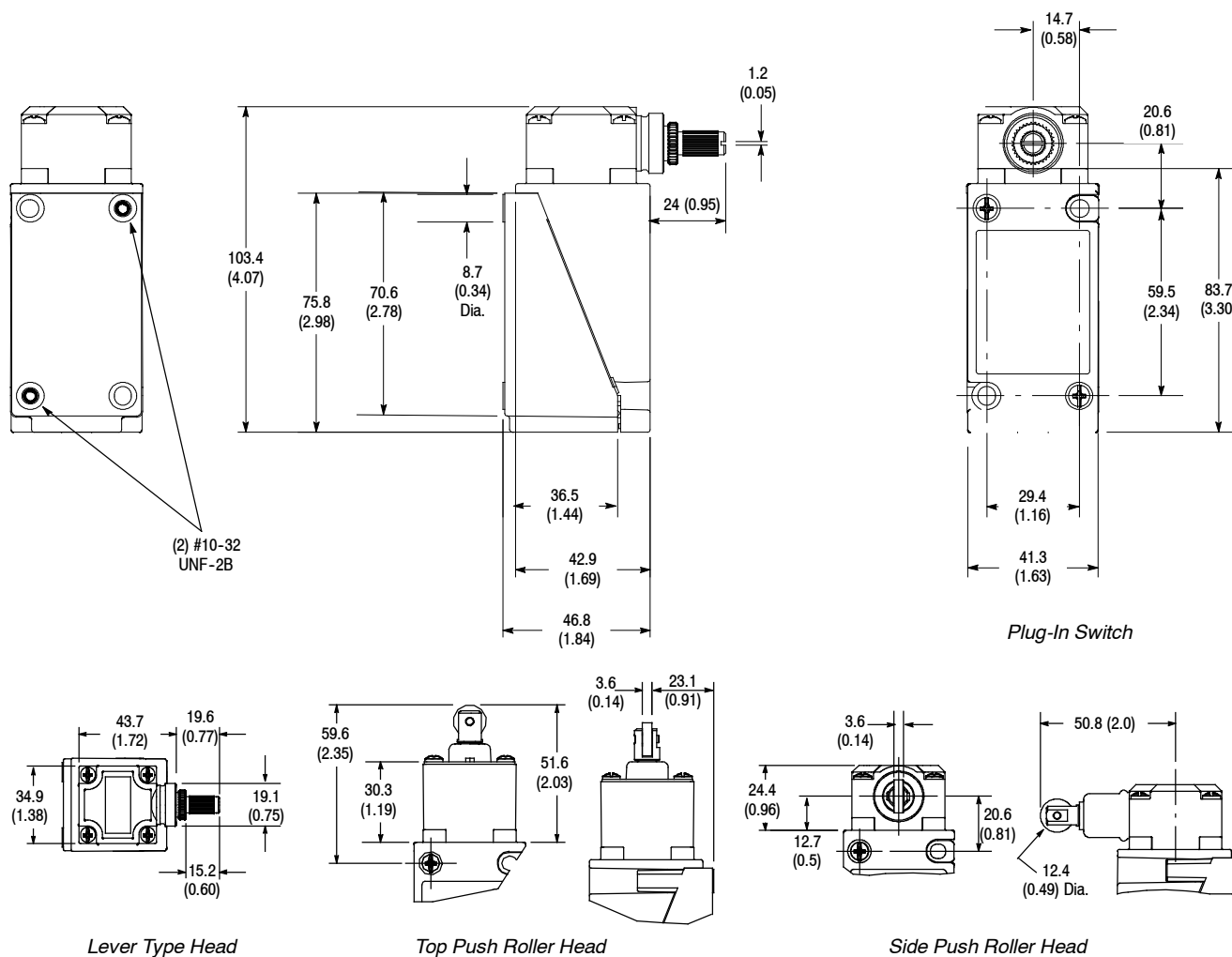


802T Safety Limit Switches**Direct Opening Action Position Interlock Switches****Range of Operation**Lever Type
Spring ReturnTop Push Roller
Spring ReturnSide Push
Verticle Roller
Spring ReturnSide Push
Horizontal Roller
Spring Return**Selection Guide**

Number of Circuits	Lever Movement vs. Contact Operation		Torque/ Force to Operate (Max)	Travel to Operate (Max)	Torque/ Force to Operate Direct Opening Action (Min)	Travel to Operate Direct Opening Action (Min)	Max Travel	Travel to Reset Contacts (Max)	Cat. No.
Lever Type • Spring Return									
2	Clockwise or Counter Clockwise		0.45 N•m (4.0 lb•in)	13°	0.90 N•m (8.0 lb•in)	25°	90°	7°	Switch w/o Lever 802T-APD
4									802T-ATPD
Top Push Roller • Spring Return									
2	Normal 	Operated 	28.47 N•m (6.4 lb•ft)	1.17 mm (0.046 in.)	66.72 N (15.0 lb•in)	2.29 mm (0.090 in.)	5.99 mm (0.236 in.)	0.64 mm (0.025 in.)	Complete Switch 802T-DPD
4									802T-DTPD
Side Push Verticle Roller • Spring Return									
2	Normal 	Operated 	24.5 N•m (5.5 lb•ft)	2.08 mm (0.082 in.)	53.4 N (12.0 lb•ft)	4.19 mm (0.165 in.)	5.74 mm (0.226 in.)	1.14 mm (0.045 in.)	Complete Switch 802T-KPD
4									802T-KTPD
Side Push Horizontal Roller • Spring Return									
2	Normal 	Operated 	24.5 N•m (5.5 lb•ft)	2.08 mm (0.082 in.)	53.4 N (12.0 lb•ft)	4.19 mm (0.165 in.)	5.74 mm (0.226 in.)	1.14 mm (0.045 in.)	Complete Switch 802T-K1PD
4									802T-K1TPD

Modifications and Accessories—See page 5-112.

802T Safety Limit Switches**Direct Opening Action Position Interlock Switches****Typical Example of a Dual Channel Safety Application****Approximate Dimensions [mm (in.)]**

802T Safety Limit Switches

Direct Opening Action Position Interlock Switches

Modifications

Metric Conduit Entry

To order a limit switch with a 20 mm conduit entry, add the suffix **S6** to the Cat. No. example: 802T-APDS6.

Pre-wired Cable

To order factory installed pre-wired type STOOW-A cable (5 conductor), add the suffix **Y** plus the number of feet required. The standard cable length is 1.52 m (5 ft). Extended cable lengths are available in multiples of 1.22 m (4 ft) only.

Example: To order a limit switch with a factory installed 1.52 m (5 ft) cable, the Cat. No. would become 802T-APDY5.
To order a limit switch with a factory installed 2.44 m (8 ft) cable, the Cat. No. would become 802T-APDY8.

Mini Style Quick-Disconnect

To order a Bulletin 802T pre-wired limit switch with a 5-pin (2 circuit) or 9-pin (4 circuit) mini connector, add the suffix **J1** or **J9** depending on desired wiring (**J9** wiring not available for four-circuit models) to the Cat. No. example: 802T-APDJ1.

An appropriate female connector with cable is available in Connection Systems.

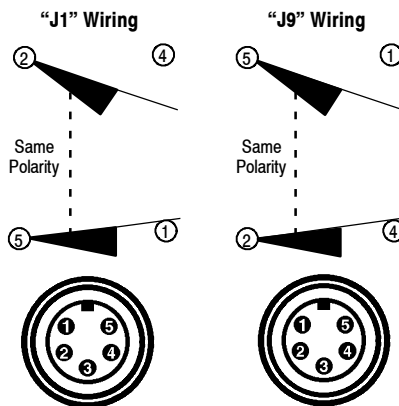
5-pin mini = (889N-F5AFC-6F) on page 8-4

9-pin mini = (889N-F9AF-2) on page 8-14

5-pin mini = (889R-F5AEA-2) on page 8-28

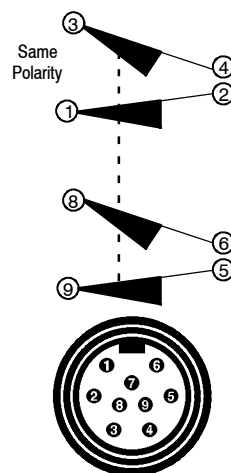
5-pin mini = (889D-F5AC-2) on page 8-16

5-Pin Mini-Type Receptacle (2 circuit)



9-Pin Mini-Type Receptacle (4 circuit)

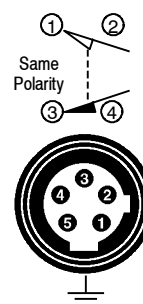
"J1" Wiring ("J9" wiring not available for 4 circuit)



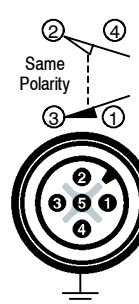
Micro Style Quick-Disconnect

Micro quick-disconnects are available with a 5-pin 2 keyway AC or 5-pin single keyway DC. To order a limit switch with a AC micro quick-disconnect, add the suffix **R5** to the cat. no. To order a limit switch with a DC micro quick-disconnect, add the suffix **D5** to the Cat. No. example: 802T-APDR5 and 802T-APDD5.

AC Micro QD



DC Micro QD



Pin 5 = Ground

Levers

Type	Roller			Cat. No.
	Material	Diameter [mm (in.)]	Width [mm (in.)]	
 Non-Adj. Cast Lever 1.5 in. Radius Roller on Front	Nylon	19 (0.75)	7.11 (0.28)	802T-W1
	Nylon	19 (0.75)	25.4 (1.0)	802T-W1H
	Steel	19 (0.75)	6.35 (0.25)	802T-W1A
	Ball Bearing	19 (0.75)	5.84 (0.23)	802T-W1B