

# 830 SERIES

## Pneumatic Toggle Clamps | Product Overview

### Features:

- Pneumatic version of Model 630 manual straight line action clamp
- Sensor ready for round or T-slot style sensors
- Built-in flow restriction eliminates need for external flow controls

### Applications:

- Assembly
- Welding

### Also Available:

See page MC-ACC-1 for spindle accessories

See page MC-PSC-38 for sensing options

830  
830-ME



## Technical Information | Holding Capacities | Dimensions

Model	Maximum Holding Capacity	Maximum Exerting Force @ 5bar [72PSI]	Plunger Travel	Plunger Thread	Weight	Bore Size	Air Consumption† dm³ [ft³]	Port Size
830	[2500 lbf] 11100 N	[800 lbf] 3582 N	[0.75] 19,1	3/8-16	2,79kg [6.14lb]	[1.57] 40	[0.029] 0,83	1/8 NPT
830-ME				M10				G-1/8

†Per double stroke at 5bar [72PSI]

**Max Cylinder Pressure:** 10bar [145psig]  
**Max Operating Temp:** -10°C to 90°C [-14°F to 194°F]  
**Replacement Seal Kit:** 810450-40-1-00  
**Replacement Clamp Assembly:** 830-LC, 830-M-LC  
**Replacement Cylinder Assembly:** 810CYL

\*In no case should the inlet pressure be high enough to create an exerting force that exceeds the clamp's holding capacity. See Technical Appendix Section for details.

### Sensor Accessories

Round Reed Switch with Quick Disconnect  
 T-slot Reed Switch with Quick Disconnect  
 Quick Disconnect 2M Extension Cable  
 Quick Disconnect 5M Extension Cable

### Item Number

810169  
 8EA-109-1  
 CABL-010  
 CABL-013

See Pneumatic Accessories section for more options

