

868 SERIES

Pneumatic Toggle Clamps | Product Overview

Features:

- Hardened pins and bushing at all pivot points for long lifecycle
- Large, solid clamping arm is easily modified to suit application requirements
- Sensor ready for round or T-slot style sensors

Applications:

- Assembly
- Welding

Also Available:

See page MC-PSC-38 for sensing options

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868-E



Technical Information | Holding Capacities

| Model | Maximum Holding Capacity | | Max. Exerting Force @ 5bar [72PSI] | | Weight | Bore Size | Air Consumption† dm ³ [ft ³] | Port Size |
|-------|--------------------------|-----------------------|------------------------------------|---------------------|--------------------|--------------|--------------------------------------------------------|-----------|
| | Inner | Outer | Inner | Outer | | | | |
| 868 | [4000 lbf] 17800 N | [2400 lbf] 10675 N | [1704 lbf] 7637 N | [800 lbf] 3585 N | [17.0lb] 7,71kg | [2.48] 63 | [0.109] 3,08 | 1/4 NPT |
| 868-E | | | | | | | | G-1/4 |

†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: 850450-63-1-00

Replacement Clamp Assembly: 868-LC

Replacement Cylinder Assembly: 868CYL

*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

| | Item Number |
|------------------------------------------|-------------|
| Round Reed Switch with Quick Disconnect | 810169 |
| T-slot Reed Switch with Quick Disconnect | 8EA-109-1 |
| Quick Disconnect 2M Extension Cable | CABL-010 |
| Quick Disconnect 5M Extension Cable | CABL-013 |

See Pneumatic Accessories section for more options

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Pneumatic Toggle Clamps | Dimensions

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