General Description

Smartflow® Thinswitch® Limit Switch is specially designed to verify ejector plate return before permitting the mold to close in injection molding machines. This small switch is thin enough to fit inside the ejector housing. It can also be used for core slides, or anyplace space is limited. A new Liquid-Resistant housing style provides longer switch life where occasional water or oil spray is present.

The Thinswitch® Limit Switch has been tested for reliability over 10 million cycles without failure. Two switches can be used in series for larger molds to ensure the ejector plate return, preventing costly mold damage.

Features and Benefits

- **NEW! Liquid-Resistant Housing Option** protects switch from occasional water or oil spray.
- **Over 10 million cycle life** provides long dependable service.
- **175°F (79.4°C) standard temperature rating** allows installation into most molding applications.
- **250°F (121°C) high temperature unit** is available for higher temperature needs.
- **Adjustable operating point** allows actuation between .187” and .250” from the base.
- **In stock** to provide same-day delivery in most cases.
- **3/16” thick** design fits snugly behind the ejector plate in the space provided by the rest buttons.
- **Stripped and tinned 6 ft. wire leads** make the switch ready to install without modification.

Design and specifications are subject to change without notice.
**Model Number**

<table>
<thead>
<tr>
<th>Housing Type</th>
<th>Temperature Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Standard</strong></td>
<td>175°F / 79.4°C maximum</td>
</tr>
<tr>
<td><strong>Liquid-Resistant</strong></td>
<td>High Temperature 250°F / 121°C maximum</td>
</tr>
</tbody>
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**Thinswitch® Limit Switches are in stock and ready for same-day shipment.**

**Wiring Diagram**

- Common (white)
- Normally Closed (red)
- Normally Open (black)

**Parts Included**

- 1 Thinswitch Limit Switch
- 1 Allen wrench (for height adjustment)
- 4 #10-24 button head screws
- 2 Wire clamps
- 1 Instruction sheet

**Dimensions**

**Standard Housing**

**Liquid-Resistant Housing**

*Two and Three-Dimensional part files are available for download from our web site at www.smartflow-usa.com.*