SPECIFICATIONS

Electrical
240VAC.....................................5 Amps resistive
4 Amps inductive
28 VDC
Switching................................................... SPDT

Operating Temperature...................175°F max.
(79.4°C max.)
Operating Force.....................3.5 lbs (1.605 kg)
Pre-travel to operating point......0.06" (1.5mm)
Overtravel....................................0.01" (.25mm)

MATERIALS

Body........................ Anodized Aluminum/ Epoxy
Plunger.........................................Stainless Steel
Lockwasher and Nut.................... Stainless Steel
Wire Leads........... 22 ga. stranded, 3-conductor,
shielded cable, 6 ft. (1.8m) long,
ends stripped and tinned

VERSASWITCH™ LIMIT SWITCH
VERIFIES CORE POSITION

GENERAL DESCRIPTION
Versaswitch™ Limit Switch installs into an injection mold to
prevent premature movement of your machine components. By
using the Versaswitch to indicate the location of the core, the
switch prevents the ejector pins from moving while the core is
still in place, eliminating both core and ejector pin damage. The
Versaswitch limit switch also protects your profits by limiting
downtime and loss of productivity.

The Versaswitch™ Limit Switch is easily installed into a
5/8"-24 female thread. The switch actuates when 3.5 lbs of force
is applied to the plunger. Actuation height is adjusted by threading
the switch to the correct position in the installation. The switch is
held in place via a lockwasher and hex nut. SPDT snap action
switch provides a simple, positive indication of the mold or core
location.

FEATURES AND BENEFITS
• Prevents costly damage to core and ejector pins.
• Over 1 million cycle life provides long dependable service.
• 175°F (79.4°C) standard temperature rating allows
installation into most molding applications.
• Adjustable operating point provides custom installation.
• Stripped and tinned 6 ft. wire leads make the switch ready
to install without modification.
• Included mounting hardware installs the Versaswitch limit
switch easily.

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Rated Current vs. Steel Temperature

<table>
<thead>
<tr>
<th>V-222</th>
<th>Amps</th>
<th>°F</th>
<th>°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.0</td>
<td>85</td>
<td>29.4</td>
<td></td>
</tr>
<tr>
<td>4.0</td>
<td>120</td>
<td>49.0</td>
<td></td>
</tr>
<tr>
<td>3.0</td>
<td>155</td>
<td>68.3</td>
<td></td>
</tr>
<tr>
<td>2.0</td>
<td>175</td>
<td>79.4</td>
<td></td>
</tr>
</tbody>
</table>

PART NO.         1-4          5-9          10+
V-222            $85.00       $82.00       $79.00

The Versaswitch™ includes: 1 Lockwasher, 1 nut, 2 wire clamps & instructions.

OPTIONAL MOUNTING BRACKET
Optional mounting bracket is available to aid installation. Threaded fastener holes
facilitate mounting the switch in many positions. The bracket is made from
corrosion-resistant anodized aluminum.

Part No. VB-222
Price ....................... $25.00

TYPICAL APPLICATION

Core Pull Cylinder
Core Pin Position Plate
Core Pins

Schematic Diagram

1/4-20 x 13mm/0.50" DEEP FROM BOTTOM
9mm/0.36" x 5.6mm/0.22" DEEP CBORE
5/8-24 NEF THRU
1/4-20 THRU