

# Honeywell

FARNELL CODE. 424 55 19



*Representative photograph, actual product appearance may vary.*

*Due to regional agency approval requirements, some products may not be available in your area. Please contact your regional Honeywell office regarding your product of choice.*

## SZL-VL-B

**General Purpose Limit Switch, VL Series; Side Rotary/Roller Lever Adjustable; 1NC 1NO SPDT; Double Break**

### Features

- Gold plated silver contacts
- Compact design for small mounting space
- Special design for easy wiring with ample wiring space
- Two-circuit double-break
- Diecast base and plastic cover
- Standard mounting dimensions
- Long mechanical life
- 5 Amp current capacity
- Ambient Temp Range: -20 °C to 60 °C [-4 °F to 140°F]
- UL, C-UL, CE approved

### Typical Applications

- Machine Tools
- Material Handling
- Food processing machinery
- Conveyors
- Packaging machinery

### Description

The new economical SZL-VL Series miniature type limit switches are specially designed for applications of small mounting space. These miniature switches are ideal for OEM machinery which requires a rugged and reliable limit switch that is capable of being mounted in space restricted applications. A wide range of actuators add additional flexibility. A special pre-molded flexible cable gland allows for fast and simple wiring termination.

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Product Specifications	
<b>Availability</b>	North-America; Asia-Pacific
<b>Operating Force (O.F.)</b>	3,35 N to 7,84 N max. [0.75 lbs to 1.76 lbs max.]
<b>Release Force (R.F.)</b>	0,21 N - 0,49 N min. [0.046 lbs - 0.11 lbs min.]
<b>Pretravel (P.T.)</b>	20° max.
<b>Overtravel (O.T.)</b>	75° min.
<b>Differential Travel (D.T.)</b>	10° max.
<b>Product Type</b>	Miniature Limit Switches
<b>Actuator</b>	Side Rotary - Roller Lever Adjustable
<b>Lever Style</b>	None
<b>Circuitry</b>	1NC 1NO SPDT; Double Break
<b>Ampere Rating</b>	5.0 A / 0.4 A
<b>Supply Voltage</b>	250 Vac max. / 125 Vdc max.
<b>Housing Material</b>	Zinc Die-Cast / Plastic
<b>Termination Type</b>	Cable Gland
<b>Series Name</b>	VL Series
<b>Shock</b>	10 g max.
<b>Vibration</b>	55 Hz at double amplitude of 1.5 mm
<b>Sealing</b>	IP64
<b>Approvals</b>	UL, C-UL, CE
<b>UL File #</b>	E150950
<b>Mechanical Life</b>	up to 10 million operations
<b>Operating Temperature Range</b>	-20 °C to 60 °C [-4 °F to 140 °F]
<b>Sealed</b>	Industrial

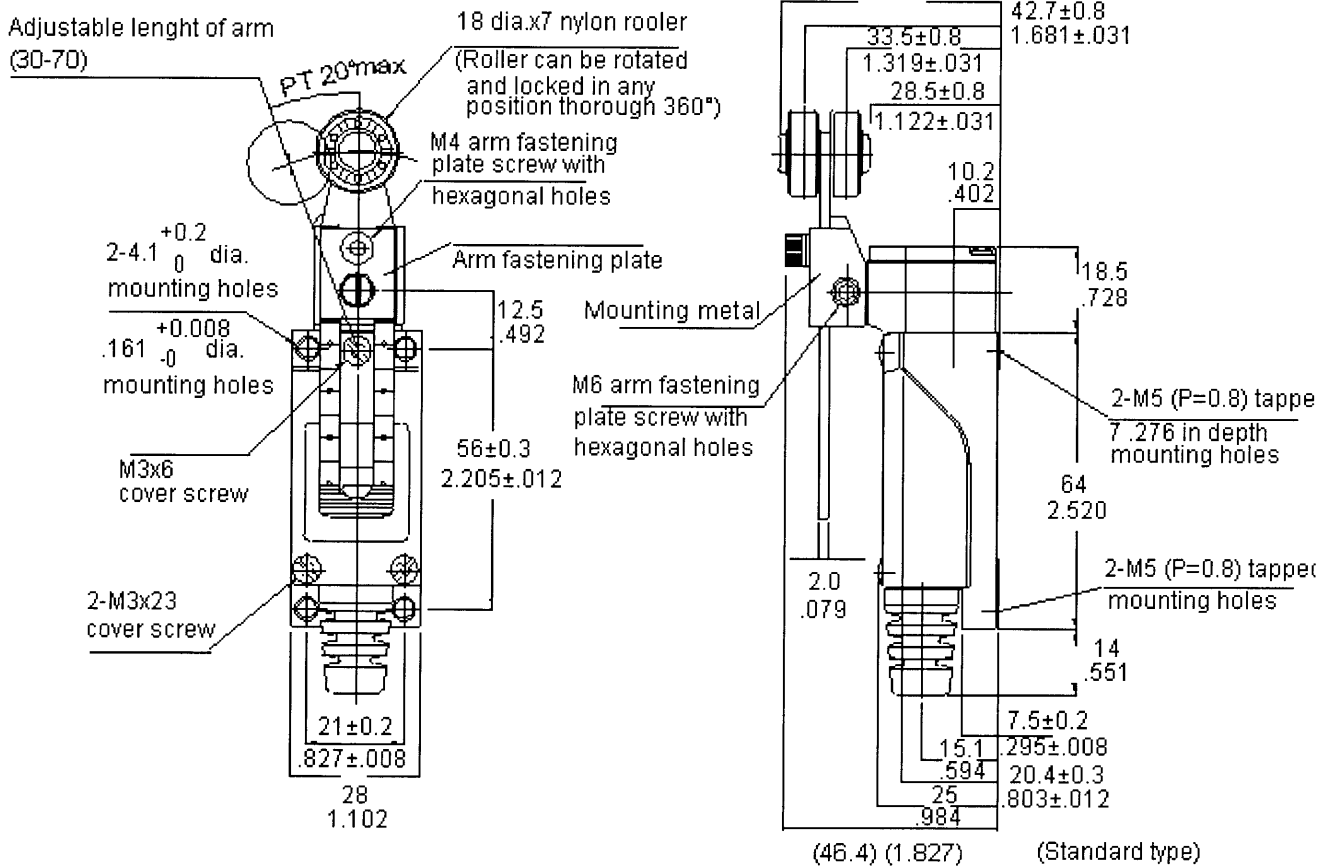
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mm  
in

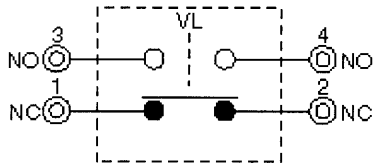
Adjustable length of arm  
(30-70)



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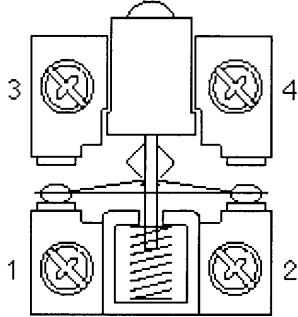


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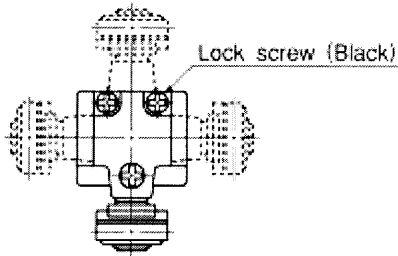


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**⚠ WARNING**

**PERSONAL INJURY**

DO NOT USE these products as safety or emergency stop devices, or in any other application where failure of the product could result in personal injury.

**Failure to comply with these instructions could result in death or serious injury.**

**⚠ WARNING**

**MISUSE OF DOCUMENTATION**

- The information presented in this product sheet (or catalog) is for reference only. DO NOT USE this document as product installation information.
- Complete installation, operation and maintenance information is provided in the instructions supplied with each product.

**Failure to comply with these instructions could result in death or serious injury.**

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