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VX81



Actual product appearance may vary.

VX Series Solid State Basic Switch with pin plunger; output normally on

Features

- Plunger operated non-contact digital output
- Low force operation
- Direct interface to solid state circuits
- Reverse voltage protection
- Rugged construction
- Tested to over 100 million operations
- Wide variety of standard levers and actuators available
- Lever external to switch body
- Industry standard mounting holes
- No external terminals- uses standard keyed and locking plugin connectors
- UL recognized, CSA certified
- Plunger is acetal copolymer. Housing is PBT polyester.

Supporting Documentation

- Dimensions
- Lever Operating Dimensions
- Engineering Drawing

Product Specifications	
Product Type	Hall - Effect Basic Switch
Transistor State	Normally On
Lever Style	Pin Plunger
Package Style	V Switch
Supply Voltage	4.5 Vdc to 24.0 Vdc
Output Type	Sink
Termination Type	AMP Connector
Operating Temperature Range	- 40 °C to 70 °C [- 40 °F to 158 °F]
Output Voltage	0.4 Vdc max.
Switching Time Rise (10 % to 90 %)	1.5 μ s max.
Switching Time Fall (90 % to 10 %)	1.0 μ s max.
Availability	Global
Operating Force	0,83 N [3.0 oz]
Supply Current (max. @ 25 °C)	15 mA
Output Current (max.)	10 mA
Pretravel (PT) max.	2,16 mm [0.085 in]
Overtravel (OT) min.	1,02 mm [0.040 in]
Operating Position (OP)	14,22 mm [0.560 in] min.
Series Name	VX
Differential (DT) max.	0,30 mm [0.012 in]

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