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DIGITAL VANE SWITCH

Magnetically activated digital vane switch in a rugged, overmolded plastic housing with three pins or 3-wire harness.

- Available in Two Operating Temperature Ranges
- Immune from Moisture and Dust
- Reliable and Repeatable
- No Mechanical Contacts to Wear Out
- Operate from 5 to 24Vdc
- Reverse Battery Protection to \sim 24Vdc
- Open Collector Output Compatible with all Logic Families
- Sensor Body Material: Glass-Filled Polyester
- Recommended Vane Parameters
 - Material: Low Carbon,
 - Minimum Dimensions: 0.040" thick,
 - Vane Should Penetrate to a Depth Less Than 0.120" From Bottom of Sensor Slot



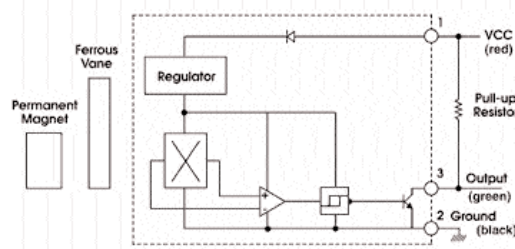
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VN1015 SPECIFICATIONS

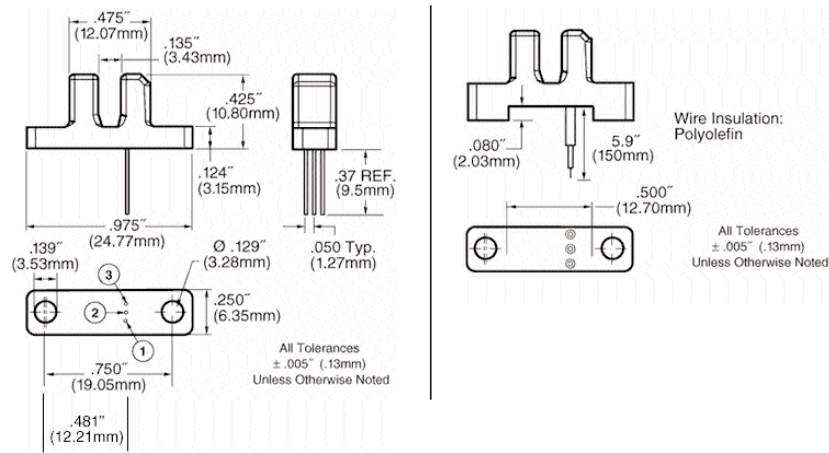
Part #	Operating Voltage Range (VDC)	Supply Current mA max	Output	Output Saturation Voltage mV max	Output Current mA max	Operate Temp Range, °C	Storage Temp Range, °C	Termination
VN101501	4.5 to 24	6	3 pin sink	400	25	-40 to 85	-40 to 85	pins
VN101502	5 to 24	6	3 pin sink	400	25	-40 to 125	-40 to 125	pins
VN101503	4.5 to 24	6	3-wire sink	400	25	-40 to 85	-40 to 85	24AWG x 150mm leads
VN101504	5 to 24	6	3-wire sink	400	25	-40 to 125	-40 to 125	24AWG x 150mm leads

Interface recommendations

OPEN COLLECTOR SINKING BLOCK DIAGRAM



DIMENSIONS



Mouser Electronics

Authorized Distributor

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