

Magnetic Proximity Sensors



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SNAP-FIT MAGNETIC SENSORS

Hall effect proximity switch with convenient snap-fit mounting.

- Solid State Reliability
- Excellent Temperature Stability
- Immune to Dirt, Dust, Moisture, etc.
- Reliable and Repeatable
- No Mechanical Contacts to Wear Out
- Digital Output Compatible With all Logic Families
- Operate from 4.75 to 24Vdc
- South Pole-sensitive Switch or Bipolar Latch Available

MP1013



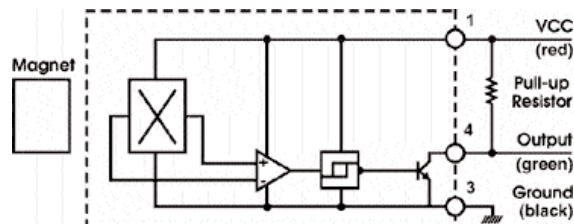
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MP1013 SPECIFICATIONS

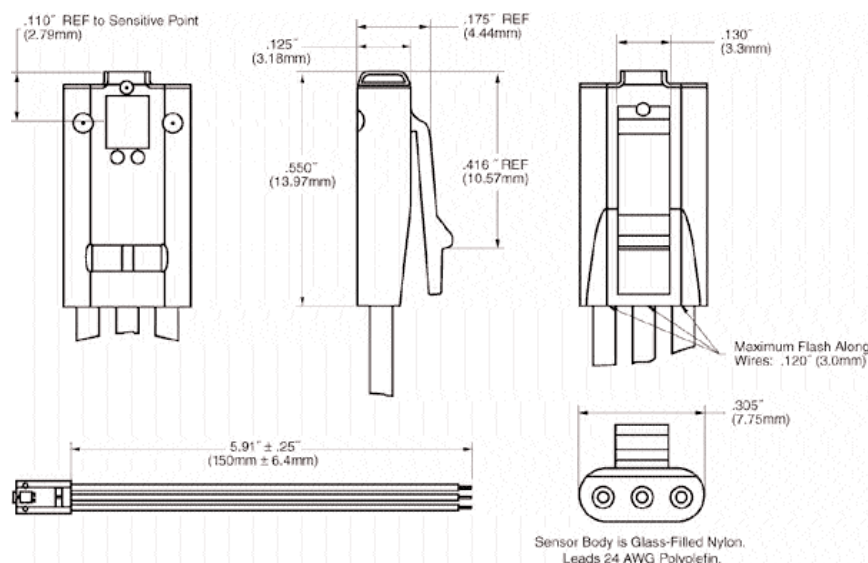
Part #	Operating Voltage Range (VDC)	Supply Current mA max	Output	Output Saturation Voltage mV max	Output Current mA max	Operate Temp Range, C	Storage Temp Range, C	Operate Point, gauss (max)	Release Point, gauss (min)	Leads	Reverse Battery Protection
MP101301	4.75 to 24	9	3-wire sink	400	25	-40 to 85	-40 to 105	300	60	24AWG x 150mm	-24
MP101302	4.75 to 24	9	3-wire sink	400	25	-40 to 125	-40 to 125	300	60	24AWG x 150mm	-24
MP101303	3.5 to 24	4	3-wire sink	500	25	-40 to 85	-40 to 105	45	-45 (latch)	24AWG x 150mm	None
MP101304	3.5 to 24	4	3-wire sink	500	25	-40 to 125	-40 to 125	45	-45 (latch)	24AWG x 150mm	None

Interface recommendations

OPEN COLLECTOR SINKING BLOCK DIAGRAM



DIMENSIONS



Mouser Electronics

Authorized Distributor

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CHERRY:

MP101301