

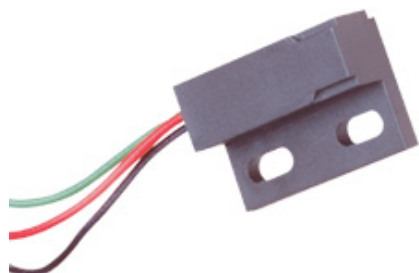
MP1021 Series

Features

- Three sensing orientations available in a convenient flange mount housing.
- Excellent output stability over operating temperature range.
- Compatible with unregulated power supply
- Reverse battery protection to -24VDC
- Meets IEC529 IP67 for dust and water protection
- Open collector (NPN) output can be used with bipolar switch or cmos logic circuits with suitable pull up resistor

- Output switches low (off) when the magnetic field at the sensor exceeds the operate point threshold
- Output switches high (on) when the magnetic field is reduced to below the release point threshold
- Interfaces with AS101002 magnet

- Output latches high (on) in the presence of a north pole
- Output unlatches (low or off) in the presence of a south pole.



- Interrupt Switch

- Limit security
- Door position

Part Number	Operating	Supply	Output	Output	Output	Operating	Function	Operate	Release	Sensing
	Voltage Range	Current		Saturation	Current	Temperature		Point Gauss	Point Gauss	
	(VDC)	(mA max)		Voltage	(mA max)	Range		(max)	(min)	
MP102101	4.5 - 24	12	3-wire sink	500	20	-40 to 85	Switch	400 (north)	195 (north)	A
MP102102	4.5 - 24	12	3-wire sink	500	20	-40 to 85	Switch	400 (north)	195 (north)	B
MP102103	4.5 - 24	12	3-wire sink	500	20	-40 to 85	Switch	400 (north)	195 (north)	C
MP102104	4.5 - 24	12	3-wire sink	500	20	-40 to 85	Switch	60 (north)	60 (south)	A
MP102105	4.5 - 24	12	3-wire sink	500	20	-40 to 85	Switch	60 (north)	60 (south)	B
MP102105	4.5 - 24	12	3-wire sink	500	20	-40 to 85	Switch	60 (north)	60 (south)	C

Notes: These sensors require the use of an external pull-up resistor, the value of which is dependent on the supply voltage. Pull-up resistor should be connected between output (Green) and Vcc (Red).

Specifications subject to change without notice.

Volts DC:	5	9	12	15	24
Ohms:	1K	1.8K	2.4K	3K	3K

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