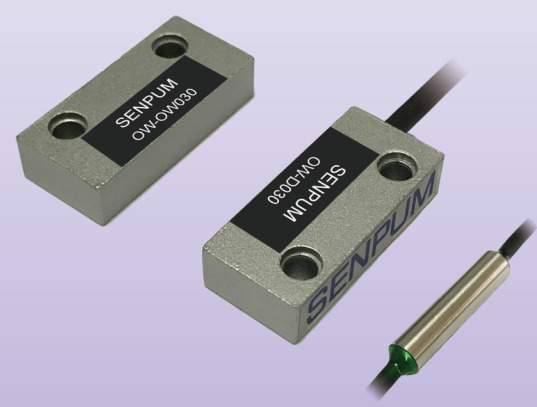


High-Sensitivity Rugged Door Magnetic Sensor

MA-Z Series



Ask SENPUM

+86-755-83330055

Fast Delivery Standard Models



Most products are in stock. Upon receiving your order, we will arrange prompt shipment to minimize your downtime-related costs and losses.



WeChat



WhatsApp



LINE

Visualization is easy and convenient

When the magnet is close by, the indicator light is clearly visible and immediately informs the door of the opening and closing status.



Screw mounting for ruggedness and reliability

Using the mounting holes on the sensor, it can be mounted directly to the door frame. Unlike typical mechanical contact type door switches, there is no need to equip a homemade mounting bracket, making installation simple.



High sensitivity, high speed response

Maximum response time of 5 μ s or less, much faster than traditional door sensors and switches.

Fastest response time

5 μ s

More Features

- Non-contact operating principle for high operational reliability.
- Small dimensions, available in both lateral and opposing inspection orientations.
- Can be used in automation control cabinets, enclosures, IT communication cabinets, plastic cabinets, metal cabinets, wooden cabinets, cabinets and other occasions.
- Protection class IP67 equivalent.
- Optional left or right hand side cable outlet.
- High-quality IC to ensure excellent product quality; Replacement of imported, simple and convenient.

Applications



Security door applications



Cabinet door applications



Power cabinets applications, etc.

Product List

Sensor		Model	
		NPN	PNP
	Magnet near ON	MA-Z030	MA-Z030P
	Magnet near OFF	MA-Z030C	MA-Z030CP
Switching type		Model	
	N.O / N.C	MA-Z030SW	
Mating magnet		Model	
		MA-OW030	

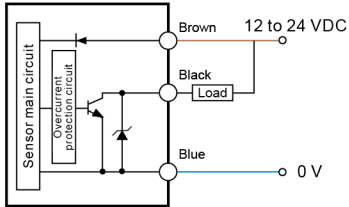
Specifications

Type			Sensor type		Switching type
Model	Main unit	Magnet near ON	MA-Z030	MA-Z030P	MA-Z030SW
		Magnet near OFF	MA-Z030C	MA-Z030CP	-
	Mating magnet		MA-OW030		
Output type			NPN	PNP	-
Indicator			With green indicator		-
Detection distance			15 mm		
Power voltage			DC 12 to 24 V		DC 5 to 30 V
Maximum current			100 mA		200 mA
Current consumption			15 mA max.		
Withstanding voltage			AC 1000 V, 1 minute		
Insulation resistance			DC 250 V, 20 MΩ or more		
Mounting torque			M3 screws, mounting torque 0.8 N·m		
Material			Zinc alloy		
Ambient temperature			-20 to +85 °C (no freezing)		
Relative humidity			25 to 95% RH (no condensation)		
Cable length			1 m		
Weight			80 g		

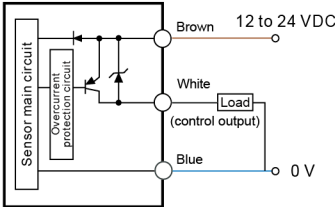
*1 For large control output currents, please purchase the OW series converter.

I/O Circuit Diagrams

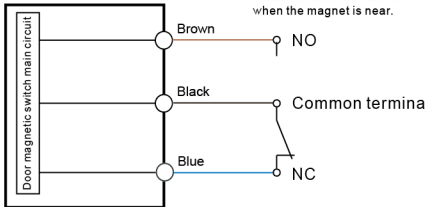
MA-Z030 / Z030C



MA-Z030P / Z030CP

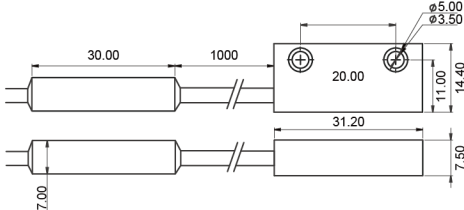


MA-Z030SW

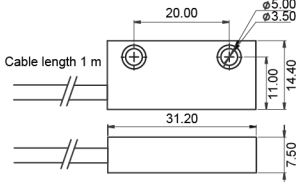


Dimensions

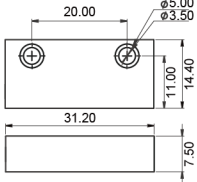
MA-Z030 / Z030C / Z030P / Z030CP



MA-Z030SW



MA-OW030



Unit: mm

Magnetic Sensors

MA-Z
MA-M

Fiber Optic Sensors

Photoelectric Sensors

Color Sensors

Laser Sensors

Proximity Sensors

Precision Contact
Sensors

Area Sensors/
Safety Light Curtains

Laser Scanners

Digital Contact Sensors

Laser Displacement
Sensors

Laser Micrometers

Confocal Displacement
Sensors

Barcode Readers

AI Vision Sensors

RFID

Infrared Temperature
Sensors

Pressure Sensors

Flow Sensors

Magnetic Sensors

Ultrasonic Sensors

Magnetic Scales

Static Eliminators

