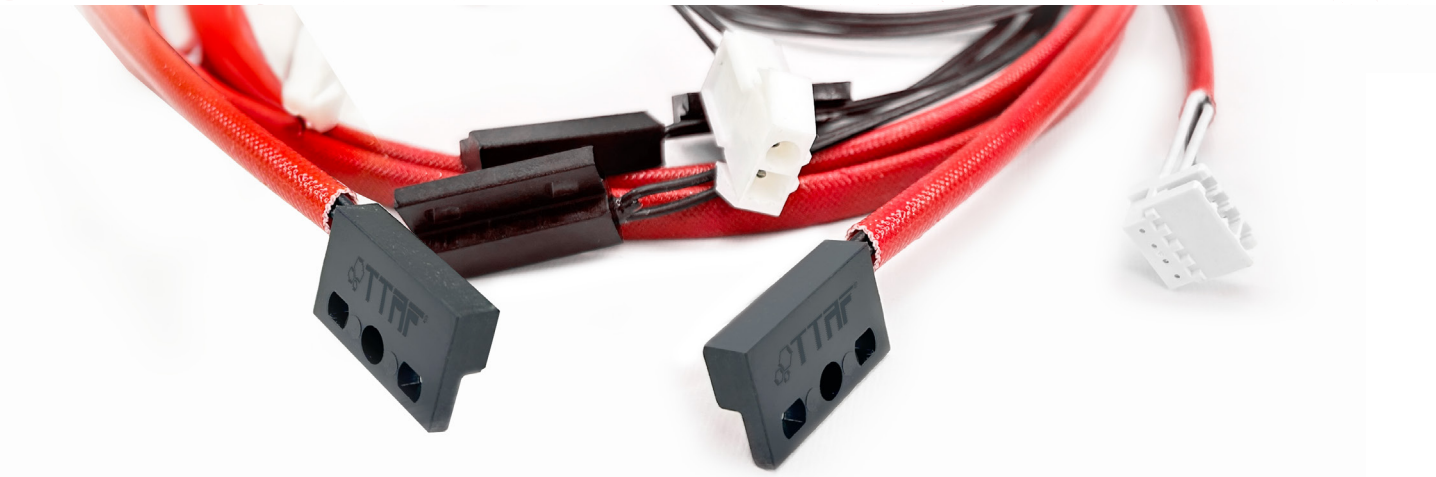
Magnetic Reed Switch

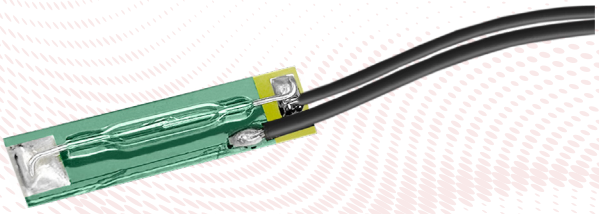
What is Reed Switch?

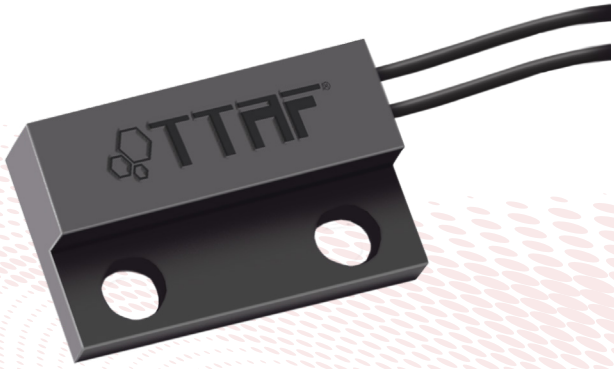
A reed switch is an electrical switch consisting of two metal elements that can be opened and closed by the effect of a magnetic field. This switch is usually used in sensitive and low power devices, is a switch that switches through the contact in the presence of a magnetic field.



Customized Reed Switch Cable Assembly Solutions

The reed switch is an important component in electronic systems with a wide range of applications, providing reliable and precise switching. Because it operates under the influence of a magnetic field, it is durable and long-lasting, making it a preferred choice in many industrial and consumer electronics applications.





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Reed Switch Usage Areas:

Security Systems:
In alarm systems, door and window status can be monitored by means of magnetic contacts.

Automotive Industry:
Provides status monitoring by using in areas such as automobile doors, windows and trunk lids.

Industrial Automation:
Used in many applications such as conveyor belts, valves and position sensors in industrial machines.

Toys:
Some toys can be used as magnetic motion sensors.

Energy Saving:
In lighting systems, magnetic switches can be used to turn lights on and off when someone is in the room.

Clock and Dashboards:
Magnetic switches can be incorporated into switches used in clocks and other electronic devices.

Magnetic Sensors:
Magnetic sensors can be created by using it to detect magnetic field variations.

Electronic Lock Control:
It can be used to sense the door status in electronic lock systems.

Water and Gas Meters:
Magnetic switches can be used in water and gas meters to check the status of valves.

Electrical Home Appliances:
Can be used to check the door status on refrigerators, washing machines and dishwashers.

Wind Turbines:
Can be used to monitor blade positions.

Home Automation:
In smart home systems, magnet switches can be used to control door and window status.

Door Control in Trains and Subways:
In rail systems, it can be used to control whether the doors of train or subway vehicles are open or closed.

Telecommunication Equipment:
Magnetic switches can be used to control telephone lines.

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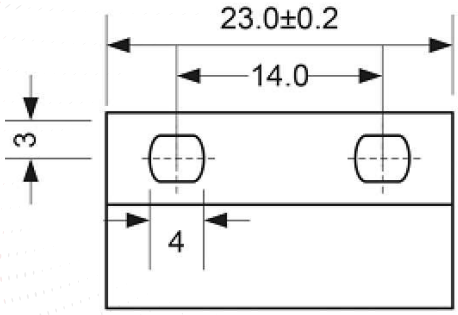
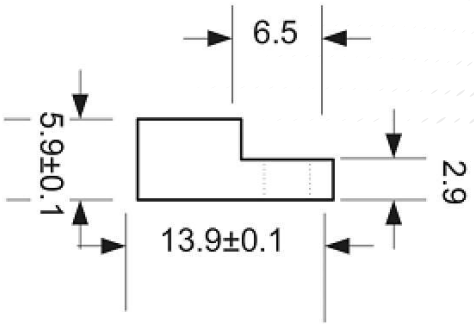
Technical Data Sheet

Part No YS-7R10
CUSTOMIZED
REED SENSOR FLATPACK





Electrical Characteristics

Contact Agreement:	Form A (SPST)
Contact Material:	PGM Alloy
Power Rating:	10 V A Max
Switching Current:	0.5 A
Carry Current:	0.75 A
Switching Voltage:	100 VDC 125 VAC
Breakdown Voltage:	200 VDC
Contact Resistance:	150 Miliohm
Insulation Resistance:	10 Ohm
Contact Capacitance:	0.3 Pf

Dimension in mm