

Misensor Tech Co., Ltd. - Master Product Catalog

Reed Switches - Magnetic Sensors - Reed Relays - Level & Flow Sensors - Automotive Sensors

Product Overview

Founded in 2010 with R&D/Sales headquarters in Shanghai and a 6,000 m2 IATF 16949 & ISO 9001 certified manufacturing plant in Zhongshan, Misensor Tech Co., Ltd. designs and manufactures high-reliability reed switches, magnetic/Hall/TMR proximity sensors, high-voltage reed relays, liquid level & flow sensors, and automotive electronic sensors for global OEM & Tier-1 customers.

Key Features

- IATF 16949:2016, ISO 9001, CE, RoHS & REACH certified
- 6,000 m2 automated production & environmental test...
- Full technology coverage: Reed, Hall, AMR/TMR, Cap...
- High-voltage reed relays from 1kV up to 20kV DC
- Custom OEM/ODM design for automotive, industrial &...
- Global export to Europe, North America, Japan, Kor...

Typical Applications

- New Energy Vehicles (EV/FCEV), Passenger & Commercial Vehicles
- Semiconductor ATE, High-Voltage Hipot & BMS Isolation
- Smart Home Appliances, HVAC, Water Treatment & Heating
- Elevator Levelling, Security Access Control & Industrial Automation

Technical Specifications & Model Selection

Product Category	Core Series	Key Specifications	Typical Applications
Reed Switches	RS071-RS501, RS-V10K/15K	Dia.1.8x7mm to Dia.5.4x53mm, 5W-12W	Sensors, Relays, Meters
Proximity Sensors	MS01-MS37, DC01-DC38, BS01-05	SMD, Cylindrical, Screw M5-M12, Flange	Appliances, Security, Elevators
Reed Relays	MSIP, SIP, DIL, HVR, HVFR, HGSR	Low-Voltage, 4kV-20kV High-Voltage	ATE, BMS, Hipot, Medical
Level Switches	LS01-LS25, T001-T016 Probe	PP, PVDF, NBR, SUS304/316L, Vertical	Water, Oil, Coolant, Chemical
Continuous Level	FLS-S/L/M/H, LST TMR, FSC Cap	Reed Array, TMR Chip, Capacitive, Float	Fuel Tanks, AdBlue, Hydraulic
Flow & Thermal	FM01-03, FS01-02, TRS, TSPT	Hall Turbine Flow, Paddle/Piston Switch	Water Heaters, Chillers, HVAC
Pressure Sensors	PS03-PS12, PT-01/02, TMAP	MEMS Ceramic/Silicon, 0-5V / 4-20mA	HVAC, EV Battery, Engine
Automotive Sensors	STPS, SMS, MSH103/105, MI-Cond	Seat Position/Mat, Throttle, Wheel Speed	Passenger Cars, Trucks, FCEV