



Comprehensive Manual

Building the Integrated Solution of Control Component
Providing Technical Customized Service

Proximity Sensor

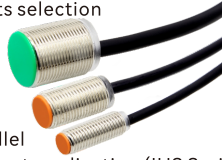
In the industry 4.0 era, stable sensing technology is the key element to push the innovation of science and automation.

Having a partner who knows the real process is more important requirements in the process industrial field. We have many years experiences and solutions in professional sensing industry. And providing reliable products for industrial sensing detect and help to face the challenges in now and future and keep sustainable development.

IUS Series/IUSK Series

Subminiature Cylindrical Proximity Sensor

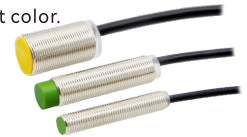
- The shortest cylinder in the world(only 24mm length). applying precision & limited installation space equipment
- Identify NPN、PNP output Intelligently, greatly reduce service and technology problem in products selection
- 3 state indicator: Green-standby Red-operating, Red-green flash-false
- NO/NC output model identified by different color. Prevent the wiring error.
- Anti-interference design. Suitable for parallel installation and strong magnetic environment application (IUS Series)
- Oil-resistant cable, suitable for oily environment application
- Standard cable length 2M, other length cable available.



IY Series/IYK Series

Cylindrical proximity sensor

- Innovative product, easy to identify the standby and operating state.
- 3-state indicator: Green-standby, Red-operating, Red-green flash-false
- Anti-interference design. Suitable for parallel installation and strong magnetic environment application (IYK Series)
- High light LED
- NO/NC output model identified by different color. Prevent the wiring error.
- Oil-resistant cable, suitable for oily environment application
- Soft cable, twist resistant
- Standard cable length 2M, other length cable available.



IYD Series

Long distance cylindrical proximity sensor

- Easy for wiring, installation, and application
- High response frequency
- Protection: Overload & Short circuit
- Soft cable, twist resistant(optional)
- Protection class: IP67
- Operating temperature: -25~ +70°C



IYV2 Series

I/O short cylindrical proximity sensor

- Easy for wiring, installation, and application
- High response frequency
- Protection: Overload & Short circuit
- Soft cable, twist resistant(optional)
- Protection class: IP67
- Operating temperature: -25~ +70°C



IYV3 Series

I/O general cylindrical proximity sensor

- Easy for wiring, installation, and application
- High response frequency
- Protection: Overload & Short circuit
- Soft cable, twist resistant(optional)
- Protection class: IP67
- Operating temperature: -25~ +70°C



IYV5 Series

I/O long distance cylindrical proximity sensor

- Easy for wiring, installation, and application
- Long sensing distance
- Protection: Overload & Short circuit
- Soft cable, twist resistant(optional)
- Protection class: IP67
- Operating temperature: -25~ +70°C



IYL Series

DC 2-wire cylindrical proximity sensor

- Easy for wiring, installation, and application
- Wide range input voltage: 10-60VDC
- Protection: Overload & Short circuit
- Soft cable, twist resistant
- Protection class: IP67
- Operating temperature: -25~ +70°C



IYLD Series

DC 2-wire long distance cylindrical proximity sensor

- Easy for wiring, installation, and application
- Wide range input voltage: 10-60VDC
- Protection: Overload & Short circuit
- Soft cable, twist resistant
- Protection class: IP67
- Operating temperature: -25~ +70°C



IYA Series

AC 2-wire cylindrical proximity sensor

- Easy for wiring, installation, and application
- Wide range input voltage: 25-250VAC
- Protection: Overload
- Soft cable, twist resistant
- Protection class: IP67
- Operating temperature: -25~ +70°C



IYAD Series

AC 2-wire cylindrical proximity sensor

- Easy for wiring, installation, and application
- Wide range input voltage: 25-250VAC
- Long sensing distance
- Protection: Overload and surge suppression
- Soft cable, twist resistant
- Protection class: IP67
- Operating temperature: -25~ +70°C



IM Series

Small thread cylindrical proximity sensor

- Small thread suitable for limited space installation
- High response frequency
- Stable and reliable detection
- Soft cable, twist resistant
- Protection class: IP67
- Operating temperature: -25~ +70°C



IMD Series

Long distance small thread cylindrical proximity sensor

- Ultra-small thread suitable for limited space installation
- Long sensing distance
- Stable and reliable sensing
- Soft cable, twist resistant
- Protection class: IP67
- Operating temperature: -25~ +70°C



IS Series

Small diameter proximity sensor

- Ultra-small size, but easy for installation
- Oil-resistant cable, suitable for oily environment application
- Lineup of global small diameter types: $\phi 3/\phi 4/\phi 6$ to meet variety of application.



ISV Series

I/O small diameter proximity sensor

- Ultra-small diameter suitable for limited space installation
- Long sensing distance
- Stable and reliable detection
- Soft cable, twist resistant
- Protection class: IP67
- Operating temperature: $-25\sim +70^{\circ}\text{C}$



IP2 Series

Rectangular proximity sensor

- Ultra-small size suitable for limited space installation
- Long sensing distance
- Stable and reliable detection
- Soft cable, twist resistant
- Protection class: IP67
- Operating temperature: $-25\sim +70^{\circ}\text{C}$



IGA Series

Ring Shape Proximity Sensor

- Line-up of multiple types: $\phi 6/\phi 8/\phi 10/\phi 12/\phi 15/\phi 19/\phi 21$
- LED operating indicator
- Built-in surge suppression and short circuit protection
- Oil-resistant cable
- Protection class: IP67



IH4 Series

Long distance plastic housing capacitive proximity sensor

- Stable & reliable detection
- Long sensing distance & adjustable
- Protection: Overload/Short circuit
- Soft cable, twist resistant
- Protection class: IP67
- Operating temperature: $-25\sim +70^{\circ}\text{C}$



IH5 Series

Long distance brass housing capacitive proximity sensor

- Stable & reliable detection
- Long sensing distance & adjustable
- Protection: Overload/Short circuit
- Soft cable, twist resistant
- Protection class: IP67
- Operating temperature: $-25\sim +70^{\circ}\text{C}$



IHV5 Series

Long distance I/O capacitive proximity sensor

- Easy for connection, installation, and application
- Stable & reliable detection
- Long sensing distance & adjustable
- Protection: Overload/Short circuit
- Soft cable, twist resistant
- Protection class: IP67
- Operating temperature: $-25\sim +70^{\circ}\text{C}$



ISD Series

Long distance small diameter proximity sensor

- Ultra-small diameter suitable for limited space installation
- Long sensing distance
- Stable and reliable detection
- Soft cable, twist resistant
- Protection class: IP67
- Operating temperature: $-25\sim +70^{\circ}\text{C}$



IPE Series

Ultra-small rectangular proximity sensor

- Response frequency: 2000HZ
- Surge suppression
- Operating temperature: $-25\sim +70^{\circ}\text{C}$
- Protection class: IP67



IP3 Series

Intelligent rectangular proximity sensor

- Innovative product, Identify NPN、PNP output intelligently, greatly reduce service and technology problem in products selection
- 3 state indicator: Green-NPN operation, Red-PNP operating, Red flash-NPN false, green flash-PNP false
- NO/NC output model identified by different color. Prevent the wiring error.
- Anti-interference design. Suitable for parallel installation and strong magnetic environment application (IPK3 Series)
- Oil-resistant cable, suitable for oily environment application
- Standard cable length 2M, other length cable available.



IH2 Series

Plastic housing capacitive proximity sensor

- Stable & reliable detection
- Adjustable sensing distance
- Protection: Overload/Short circuit
- Soft cable, twist resistant
- Protection class: IP67
- Operating temperature: $-25\sim +70^{\circ}\text{C}$



IH3 Series

Brass housing capacitive proximity sensor

- Stable & reliable detection
- Adjustable sensing distance
- Protection: Overload/Short circuit
- Soft cable, twist resistant
- Protection class: IP67
- Operating temperature: $-25\sim +70^{\circ}\text{C}$



IHV3 Series

I/O capacitive proximity sensor

- Easy for connection, installation, and application
- Stable & reliable detection
- Protection: Overload/Short circuit
- Soft cable, twist resistant
- Protection class: IP67
- Operating temperature: $-25\sim +70^{\circ}\text{C}$

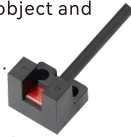


Proximity Sensor

PW25 Series

Slot-type photo-electric sensor

- Ultra-compact size, suitable for detecting small object and limited space installation.
- Wide-angle LED indicator, easy to be recognized.
- High response frequency to Max. 3000Hz
- Protection: Polarity, surge, and short circuit
- Various shapes meet the customer's different application.
- Soft cable, twist resistant



PW45 Series

Slot-type photo-electric sensor

- Wide-angle LED indicator, easy to be recognized.
- High response frequency to Max. 3000Hz
- Protection: Polarity, surge, and short circuit
- Various shapes meet the customer's different application.
- Soft cable, twist resistant



PW67 Series

Slot-type photo-electric sensor with connector

- Easy for connection, installation, and application
- Wide-angle LED indicator, easy to be recognized.
- High response frequency to Max. 3000Hz
- Protection: Polarity, surge, and short circuit
- Various shapes meet the customer's different application.
- Soft cable, twist resistant



PW34/35/36 Series

Slot-type photo-electric sensor

- Small size, high response frequency as high as 1kHz
- Suitable for detecting small object.
- High performance in anti-light interference



PBN Series

Infrared cylindrical photo electric sensor

- Easy for connection, installation, and application
- Stable & reliable detection, LED indicator
- Protection: Overload/Short circuit
- Soft cable, twist resistant
- Protection class: IP65
- Operating temperature: 0~ +55°C



PBL Series

Laser cylindrical photo electric sensor

- Easy for connection, installation, and application
- Stable & reliable detection, LED indicator
- Ultra-small spot: 2-3mm of diameter
- Small spot in visible light
- Detected position can be confirmed with eyes.
- Soft cable, twist resistant
- Protection class: IP67



PC22 Series

Infrared rectangular photo electric sensor

- Easy for connection, installation, and application
- Stable & reliable detection, LED indicator
- Protection: Overload/Short circuit
- Soft cable, twist resistant
- Protection class: IP65
- Operating temperature: 0~ +55°C



PC27 Series

Laser rectangular photo electric sensor

- Easy for connection, installation, and application
- Stable & reliable detection, LED indicator
- Ultra-small spot: 2-3mm of diameter
- Small spot in visible light
- Detected position can be confirmed with eyes.
- Soft cable, twist resistant
- Protection class: IP55



PC31 Series/PC32 Series

Large rectangular photo electric sensor

- Easy for connection, installation, and application
- Stable & reliable detection, LED indicator
- Protection: Overload/Short circuit
- Soft cable, twist resistant.
- Protection class: IP55
- Operating temperature: 0~ +55°C



PCD Series

Ultra-compact size rectangular photo electric sensor

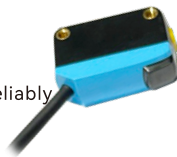
- Ultra-compact size, easy for installation
- Protection: Polarity, short circuit, surge suppression
- Soft cable and oil-resistant



PY21 Series/PY27 Series

Background suppression photo electric sensor

- Precise detection for variety of objects
- Unaffected by the color of detected object and background
- Detecting the object in the assigned position reliably
- High response frequency
- Laser source available (PY 27 series)



PE Series

Liquid level sensor

- Precision flowing liquid level detection (PE-T series)
- Viscous liquid level detection (PE-C series)
- Detection for non-transparent pipe (PE-C series)
- Level detection for $\Phi 6-13\text{mm}/\Phi 12-26\text{mm}$ pipe available



PTX Series

Digital amplifier for fiber sensor

- Anti-interference design. High performance in detection
- Self-tuning function (PTX2-G series)
- 2-digit LED indicator, easy for reading
- Stable and precise detection (PTX2-G series)
- Multiple fiber units available
- Polarity and short circuit protection.



PM Series

Safety Light Curtain

- Self-detect function keeps the signal stable.
- High performance in anti-interference
- Metal or plastic housing available
- High performance in anti-vibration
- Safety and reliable.



*For more onsite sensor technology solutions, please call 400-777-8878 or consult the business department.

A reliable relay is the base that support a control system operation stably in the industrial field. And only the continuously stably operation of the relay can ensure the key process of production running well in the automatic system. Mibbo relays have been proved in quality and value in the industrial field due to the continuous successful experiences. The rich products line-up can meet the different requirements of customers in application. Mibbo also provides the fast-wiring solution for customers for saving more manhours.

RN Series

I/O Power Supply

- 1NO+1NC configuration
- 4KV Dielectric strength between coil and contacts
- Operation time less: 8ms Max.
- Ultra-slim size, contributing to further miniaturization of the control panel
- Screw or push-in plus terminals are available.



RN12 Series

I/O signal relay module

- 4 or,8 channels single contact relay(3A)
- LED indicator
- DC24V, NO
- Mechanical endurance: 2x10⁸ operations (switching frequency:1200 operations/hr)
- Outline Dimensions: L*W*H:68x 32 x 39mm



RN13 Series

I/O medium power relay module

- 4 channels single contact relay(5A)
- LED indicator
- DC24V, NO
- Mechanical endurance: 5x10⁸ operations (switching frequency:1200 operations/hr)
- Outline Dimensions: L*W*H:83x 48 x 38mm



RN22 Series

High power relay module

- 1CO (12A) or 2CO(8A) relays are available
- 4/8/12/16 channels models
- LED indicator
- Applied in both NPN/PNP input.
- Mechanical endurance: 1x10⁷ operations
- Push-in Plus terminals for -S model
- Small size, contributing to further miniaturization of the control panel



RM32/RM33 Series

Slim general-purpose relay

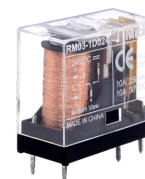
- 1CO (12A) or 2CO(8A) relays are available.
- Contact material: Silver-Nickel alloy
- Mechanical endurance: 1x10⁷ operations
- Built-in LED indicator
- Dielectric strength: 5KV between coil and contacts
- Lead-free, environment friendly, compliance to RoHS
- Multiple sockets to meet variety of application.
- Models with latching lever are useful for operation check



RM03 Series

Slim general-purpose relay for PCB

- Slim (width 20mm)
- Dielectric strength:5KV/8mm
- Switching capacity: 5A/10A
- Low power consumption
- PCB mounting.



RG22 Series

Medium power relay

- Contact material: Ag, 2-CO(7A) and 4-CO(5A)
- Easy to identify the AC or DC coil by different color of LED
- Mechanical indicators make it easy to know the operating status
- Wide range control voltage from 12-110VDC or 12-220VAC
- Compliance to RoHS
- Using Push-in Plus socket may save 60% manhours.



RG23 Series

Medium power relay with latching lever

- Added latching lever products.
- Contact material: Ag, 2-CO(7A) and 4-CO(5A)
- Easy to identify the AC or DC coil by different color of LED.
- Mechanical indicators make it easy to know the operating status.
- Wide range control voltage from 12-110VDC or 12-220VAC
- Compliance to RoHS
- Using Push-in Plus socket may save 60% manhours.



RH Series

High power relay

- 1-CO(15A) & 2-CO(10A) contacts
- Contact material: Ag. Au contact is available.
- Built-in mechanical indicator
- LED status indicator
- Dielectric strength between contacts and coil: 15KV
- Lead-free, environment friendly, compliance to RoHS



Solid-state relay

SAN Series

I/O Solid-state relay

- High response frequency. Quick and precise (Turn-on time 50µs Max. And turn-off time 300µs Max.)
- Quiet and reliability.
- None mechanical operation, Noise free.
- Maintenance free. Super long life
- Dielectric strength: 2500VAC
- Compliance to EMC standard.
- Applying in the interface circuit between PLC and loads



SSR Series

Single-phase AC output SSR

- 10A,25A,40A
- LED indicator for power on
- Load voltage: 38-480VAC
- With cover
- Dielectric strength 4000VACrms
- Good heat dissipation, copper base plate available
- CE/ROHS



SA Series

AC/DC input single phase output SSR

- Load current: 10A-90A
- Load voltage: 380VAC/480VAC/600VAC
- DC or AC control (optional)
- Zero cross turn-on/ Random turn on (optional)
- LED indicator
- SCR output/High reliability
- Dielectric strength: 4KVACrms
- DBC base plate: good heat dissipation
- CE/RoHS



SAE Series

Miniature AC single phase output SSR

- Load current: 10A/25A/40A
- LED indicator
- High load voltage:38-440VAC
- Triac output. Built-in RC protection circuit
- Dielectric strength: 4KVACrms
- Compact size saving mounting space
- CE/RoHS



SD Series

Single-phase DC output SSR

- Load current: 7-80A
- DC control: 4-32VDC
- Load voltage: 50VDC,100VDC,400VDC,1200VDC
- LED indicator for power on
- Dielectric strength 4000VACrms
- CE/ROHS



SAT Series

3-phase AC SSR

- Load current: 25A/40A/60A
- Load voltage: 380VAC, 480VAC
- Zero cross turn-on/Random turn on (optional)
- DC or AC control
- SCR output
- Built-in MOV/ RC protection
- Phase-lost models are available
- CE/RoHS



SAMS Series

3-phase motor FWD-REV control SSR

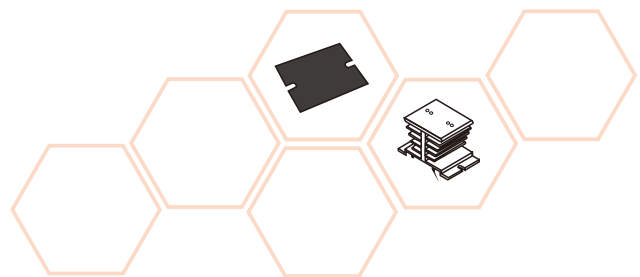
- Load current: 25A/40A/60A
- Load voltage: 380VAC, 480VAC
- 3-phase or 2-phase control are available
- DC control:4-39VDC
- Built-in MOV/ RC protection
- Built-in interlock and delay circuit
- Best choice for replacing contactor
- Easy for FWD or REV control and running stably
- CE/RoHS



ST Series

Din-rail mounting single phase AC output SSR

- Load current: 10A/20A/30A/40A
- Load voltage: 220VAC, 380VAC, 480VAC
- DC or AC control(optional)
- Load voltage: 380VAC, 480VAC
- LED indicator
- SCR output, high reliability
- Built-in RC protect circuit
- Dielectric strength: 4KVAVcms
- Din-rail mounting: DIN rail TS-35/7.5/15



In the process control field, AL series products provide reliable, safe and stable pushbutton switch and indicator for realizing the automatic control through out the whole control process.

AL series products adopt the modular design. The features such as exquisite appearance, easy installation, distinguish of color, friendly operation and safety make every segment of the automatic process control system more reliable and safe.

AL Series

φ22 pushbutton switch/indicator

- Pursuing general design
- Design focus on operability, safety, and easy identifying function by different color
- NO/NC contact designed by different color prevent wiring error
- Compliance to IEC standard
- Multiple colors for choice
- Suitable for installing in φ22 3±0.1mm panel
- Protection class: IP40(Front panel IP65,)

Push button switch (with/without light)



Select switch (with/without light)



buzzer



Indicator light



Indicating pushbutton switch (without light)



Emergency stop switch



Key selector switch



AJ2 Series

Super short metal pushbutton switch

- Multiple size: φ12/ φ16/ φ19/ φ22/ φ25/ φ30
- Ultra short design, High: 15mm max.
- Short travel stroke, easy to push, excellent operating experience
- Compliance to IEC 60947-5, GB14048 standard
- IP67



AJ5 Series

High current metal pushbutton switch

- Multiple size: φ16/ φ19/ φ22/ φ25
- Waterproof/dustproof/resistance to corrosion and temperature
- Bidirectional LED for illuminated models
- Rated current: 20A (φ22/ φ25)
- Single color/Dual color/tri-color LED indicator(optional)
- Connector with prewired (default wire length 150mm) or designated length wire available.



AJ3 Series

General metal pushbutton switch

- Multiple size: φ16/ φ19/ φ22
- Waterproof/dustproof/resistance to corrosion and temperature
- Bidirectional LED for illuminated models
- Rated current: 20A (φ22/ φ25)
- Plug-in connection. Pre-wired connector available
- Compliance to IEC 60947-5, GB14048 standard



AJ6 Series

Standard metal pushbutton switch

- Multiple size: φ22/ φ25/ φ30/ φ40
- Waterproof/dustproof/resistance to corrosion and temperature
- Bidirectional LED for illuminated models
- Plug-in connection. Pre-wired connector available
- 1NO+1NC, 2NO+2NC contact block available
- Customized symbol and mark for φ30/ φ40 models(optional)



AJ4 Series

Basic metal pushbutton switch

- Multiple size: φ12/ φ16/ φ19/ φ22/ φ25
- Variety of shapes for choice
- Bright LED indicator
- Compliance to IEC 60947-5, GB14048 standard
- IP67



DIN-rail switching power supply

Mibbo switching power supplies, with the features of reliability, durability and scalability, provide great and complete solution for industrial customers. and the reliability and safety have been fully verified through more than 10 years application in the market. More than 10 million Mibbo power supplies are operating stably in the global industries. The rich different series of power supply can meet the almost all requirements of the automatic control industry. Otherwise, Mibbo provides customized services for the specific industrial application.

MGR Series AC/DC Din-rail Power Supply

- 10-100W, Output 5-48V full categories
- Slim size, assemble on industrial rail TS-35 / 7.5 or 15
- Plastic case
- Universal AC input/Full range
- No load power consumption <1W
- Built-in active PFC function
- -R models DC OK signal output
- EMC EN55022 class A
- 3 years warranty
- CE/ROHS



EDR Series AC/DC Din-rail Power Supply

- 35W, 50W
- Economical models
- Compact size, assemble on industrial rail TS-35
- Plastic case
- No load low power consumption
- 3 years warranty



MSR Series PFC DC/OK DIN-rail switching power supply

- 150% peak load capacity
- Built-in active PFC function, PF>0.93
- Low consumption, High efficiency 91%
- Protections: Short-circuit/Over-load/Over-voltage/Over-temperature
- Cooling by free air convection
- Installation: TS-35/7.5/15
- Built-in DC OK relay contact
- 100% full load burn-in test
- 3-years warranty



MQR Series Din-rail Power Supply

- 75W-480W, Output 5-48V, full categories
- Slim size, assemble on industrial rail TS-35 / 7.5 or 15
- Cooling by free air convection
- Universal AC input/Full range
- Built-in active PFC function (240W\480W)
- EMC EN55022 class A
- 3 years warranty
- CE/ROHS



MHR Series Wide range input voltage switching power supply

- Single or two phases AC input: 180-550VAC
- Protections: Short-circuit/Over-load/Over-voltage/Over-temperature
- Cooling by free air convection
- Built-in constant current limiting circuit
- Installation: TS-35/7.5/15
- Design with reference to UL508 (industrial control equipment)
- Design with reference to EN61000-6-2(EN50082-2) industrial immunity level
- Built-in DC OK relay contact
- 100% full load burn-in test
- 3-years warranty



MTR Series 3-phase 380VAC input Din-rail switching power supply

- 3-phase 340-550VAC input (2-phase input allowed)
- High efficiency: 94.5% Max. Low power consumption
- Built-in constant current limiting circuit
- Installation: TS-35/7.5/15
- Built-in DC OK relay contact
- Cooling by free air convection
- Built-in constant current limiting circuit
- 3-years warranty



M3DN Series Redundant module

- Support 1+1 and N+1 redundancy system
- 2 channels input and 1 output
- Ultra wide operating temperature: -40~80°C (>60°C derating)
- Suitable for redundancy operation of 12V/24V/48V system
- Built-in 2 channels DC OK signal and alarm relay contact.
- Cooling by free air convection
- Installation: TS-35/7.5/15
- 3-years warranty



MPS Series

AC/DC High-performance Power Supply

- 12-2400W, Output 3.3-110VDC, full categories
- Universal AC input/Full range (86-264VAC, 115/230VDC)
- Withstand 300VAC surge input for 5 second
- 150% peak load capability
- All-aluminum housing, dust proof, antiseptic treatment and damp proof. Suitable for harsh environment
- 3 years warranty
- CCC/CQC/CE/ROHS



MTS Series

AC/DC Ultra-thin Power Supply

- 25-350W, Output 5-48VDC
- Universal AC input/Full range (86-264VAC, 115/230VDC)
- Surge protection
- No load low power consumption
- Ultra compact and 1U low profile(30mm)
- 3 years warranty
- CCC/CE/ROHS



MRS Series

Remote sensing switching power supply

- Excellent ripple performance
- Remote detection of output short circuit fault
- Protections: Short-circuit/Over-load/Over-voltage/Over-temperature
- Built-in remote sensing function
- DIN-rail installation in TS35 with accessory
- Withstanding 110-150% instantaneous over-load
- Cooling by built-in intelligent fan
- Shock resistant
- 3-point M4 screw mounting
- Al housing + dust/erosion/humidity proof coating. Suitable for application in harsh environment
- Terminal with protection cover
- Surge suppression
- 3-years warranty



MPC Series

AC/DC PFC Power supply

- Universal full range AC input
- Built-in active PFC function
- High efficiency up to 90%
- Air cooling by built-in DC fan
- Protections: Short circuit/Over load/Over voltage/Over temperature
- Moisture proof models (Optional)
- LED indicator for power ON
- 3C certificate
- 3-year warranty



MYT Series

Triple Voltage double Isolation Power Supply

- Combination of output voltage: 5V/±12V; 12V/±5V; 5V/12V/24V
- Flexible, customizable
- Double electrical isolation: voltage isolation, land voltage
- Protections: Over voltage/Overload/Short circuit
- Surge protection
- Space saving, high integration, improve competitive advantage
- 3 years warranty



ELS Series

AC/DC Slim Power Supply

- 60W, 100W
- Surge protection
- No load low power consumption
- Ultra compact and 1U low profile(30mm), suitable for small space installation
- AC/DC terminal connection
- All-aluminum housing
- 3 years warranty
- CE



MYD Series

Dual Voltage double Isolation Power Supply

- Combination of output voltage: 5V/12V; 5V/24V; 12V/24V; ±12V; ±15V
- Flexible, customizable
- Double electrical isolation: voltage isolation, land voltage
- Protections: Over voltage/Overload/Short circuit
- Surge protection
- Space saving, high integration, improve competitive advantage
- 3 years warranty



MRC Series

Rectangular type power supply with PFC

- Superior ripple performance
- Universal full range AC input
- 100% full load burn-in test
- Protections: Short circuit/Over load/Over voltage
- Active PFC function
- Transient overload capability 105~150%
- Built-in DC/OK output
- Terminals with protective cover
- Surge protection
- 3-year warranty



MPD Series

Dual Output Power Supply

- Combination of output voltage: 5V, 12V, 24V, 48V, ±5V, ±12V, ±15V
- Superior performance with small ripple
- -D Series, Max current 2A(secondary circuit)
- Protections: Over voltage/Overload/Short circuit
- Surge protection
- Space saving, high integration, improve competitive advantage
- 3 years warranty



MPA Series

Dual Output Power Supply

- Combination of output voltage: 5V, 12V, 24V, 48V, ±5V, ±12V, ±15V
- Superior performance with small ripple
- -A Series, Dual load need the same
- Protections: Over voltage/Overload/Short circuit
- Surge protection
- Space saving, high integration, improve competitive advantage
- 3 years warranty



DIN-rail switching power supply

MPT Series

Triple Output Power Supply

- Combination of output voltage:5V、12V、24V、48V、±5V、±12V、±15V
- Superior performance with small ripple
- Protections:Over voltage/Overload/Short circuit
- Space saving,high integration, improve competitive advantage
- Surge protection
- 3 years warranty



MDD Series

DC/DC dual output switching power supply

- 100% full load burn-in test
- Protections: Short-circuit/Over-load/Over-voltage
- LED indicator
- DIN-rail installation in TS35 with accessory
- 3-point M4 screw mounting
- Al housing + dust/erosion/humidity proof coating. Suitable for application in harsh environment
- Terminal with protection cover
- Surge suppression
- 3-years warranty



MPH Series

Input 380VAC Power Supply

- Input 200-450VAC
- Protections:Over voltage/Overload/Short circuit
- Surge protection
- 3 years warranty



MLC Series

AC/DC Slim and high protection power supply with PFC function

- Cooling by free air convection
- Built-in active PFC function
- Earthing directly connect with metal case
- Slim type, 31mm thick
- Half gluing suitable for application in humidity and dusting environment
- Operating altitude up to 5000m
- 3-years warranty



EHC Series

Rain-proof power supply with PFC

- Universal AC input
- Built-in active PFC function
- Withstand 5s 300VAC surge shock
- 100% full load burn-in test
- Protections:Short circuit/Over load/Over voltage/Over temperature
- High efficiency/High reliability
- Cooling by free air convection
- Design against rain splash
- 3-year warranty



MDS Series

DC/DC DC Power Supply

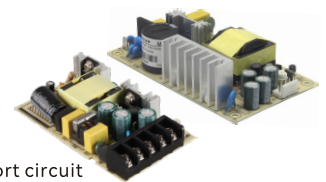
- 2:1 wide input range
- Superior performance with small ripple
- Protections:Over voltage/Overload/Short circuit
- Cooling by free air convection
- All-aluminum housing
- 3 years warranty



MNS Series

PCB Type Power Supply

- 12-65W
- Universal AC input/Full range
- Superior performance with small ripple
- 100% full load burn-in test
- Protections:Over voltage/Overload/Short circuit
- Cooling by free air convection
- EMC EN55022 class B
- 3 years warranty



MPZ Series

Switchable output power supply

- Excellent ripple performance
- Switching output between 12VDC and 24VDC through STB terminal
- 100% full load burn-in test
- Protections: Short-circuit/Over-load
- LED indicator
- Cooling by free air convection
- Shock resistant
- 3-point M4 screw mounting/ AL housing
- 3-years warranty



EHS Series

Rain-proof Power Supply

- Universal AC input/Full range
- Withstand 300VAC surge input for 5 second
- Protections:Over voltage/Overload/Over temperature/Short circuit
- Forced air cooling by built in DC fan
- High efficiency and high reliability
- All-aluminum housing,suitable for outdoor equipment
- Dust proof,antiseptic treatment and damp proof
- Design against rain splash,IP34
- 100% full load burn-in test
- 3 years warranty



MFS Series

IP67 water-proof power supply

- Universal AC input/ Full range
- Built-in active PFC function
- Protections: Short-circuit/Over-load/Over-voltage/Over-temperature
- High efficiency/High reliability
- AL housing, suitable for application outdoor
- IP67
- 100% full load burn-in test
- 5-years warranty



MFC Series

C/C & C/V water-proof power supply

- C/C and C/V output
- IP67
- Built-in active PFC function
- High performance in heat dissipation by thermal conducting silicone
- Protections: Short-circuit/Over-load/Over-voltage/Over-temperature
- Surge suppression
- AL housing
- Shock resistant
- 5-years warranty



It's necessary to detect or measure various physical quantity such as temperature, humidity, and pressure etc. and they are all in change. So the equipment used to detect these physical data need to reflect the real status and changes to ensure these signals realistically transfer to control center. The system to transmit and transfer these signal must be high resistance to interference such as temperature changes, electric magnetic interruption, vibration, erosion or explosion.

Mibbo signal isolator products are applying stably in variety of industrial conditions and we are constantly developing the products line and help you quickly find one of the products to meet your requirement.

QT2C Series Signal isolator

- Rich input and output signal combination
- Galvanic 3-way isolation between input, output, power supply
- Plug-in terminal. Hot-plug operation allowed.
- Multiple channels: 1-input/1-output, 1-input/2-output, 2-input/2-output



QT2T Series Thermocouple transmitter

- Rich input and output signal combination
- Galvanic 3-way isolation between input, output, power supply
- Plug-in terminal. Hot-plug operation allowed.
- Multiple channels: 1-input/1-output, 1-input/2-output



QT2R Series Thermal resistance transmitter

- Rich input and output signal combination
- Galvanic 3-way isolation between input, output, power supply
- Plug-in terminal. Hot-plug operation allowed.
- Multiple channels: 1-input/1-output, 1-input/2-output





For more information about the product,
please download the electronic information from the official website.
Thank you for your contribution to energy conservation and environmental protection.

