

Sensor Selection Manual



- Proximity Sensor
- Photoelectric Sensor
- Color Sensor
- Safety Light Curtain
- Laser Sensor

- Fiber Sensor
- Speed Sensor
- Magnetic Sensor
- Ultrasonic Sensor
- Limit Switch

- Pressure Sensor
- Temperature Sensor
- Tilt Angle Sensor
- Wireless Sensor
- Wireless Intelligent Cloud Platform Service

Conveyor Belt Protection Device



Nanjing KJT Electric Co., Ltd. is a high-tech enterprise specializing in the research and development of sensors and electronic appliances. The main products are proximity sensors, photoelectric sensors, speed sensors, load cells, safety light curtains, wireless sensors, conveyor belt protection devices, etc., which have been widely used in machinery manufacturing, metallurgy, textile, electric power, light industry and other industries.



The enterprise spirit of "excellence, pragmatism and efficiency" drives us to continuously make technological progress. The complete quality management system and innovative R&D technology provide perfect supports for our products.

Main products

- 1. Displacement sensor, inductive proximity sensor, capacitive proximity sensor, analog sensor, Hall sensor, photoelectric sensor, magnetic sensor, NAMUR (explosion proof) sensor, speed sensor, ultrasonic sensor, safety light curtain sensor, fiber optic sensor, etc.
- 2. Special accessories for textile machinery photoelectric weft detector, angle sensor, weft sensor, yarn break sensor, vector sensor, storage yarn / gripper sensor, etc.
- 3. Tape machine protection device accessories pull rope switch, belt deviation switch, material flow detector, slip detector, cold and hot detector ,cam controller and other safety protection devices.
- 4. Wireless product development wireless tilt sensor, wireless limit switch, wireless belt deviation switch system, wireless transmission system, wireless track sensor, etc.; We provide you with professional solution customization services.







Product development

The KJT R&D Center is an important core technology force of KJT Electric. We have been customizing various sensors, wireless sensors, and wireless application solutions for domestic and foreign customers for a long time.

The company offers everything from design to production and installation, and we work closely with our customers to provide tailor-made test engineering and development solutions.

Customized products



Contents

Inductive Proximity Sensor 01
Capacitive Proximity Sensor 06
Photoelectric Sensor 07
Color Sensor 08
Safety light curtain 09
Laser Sensor 10
Fiber Sensor 11
Speed Sensor 12
Magnetic Sensor 14

Ultrasonic Sensor	14
Limit Switch	15
Conveyor Belt Protection Device	16
Pressure Sensor	17
Temperature Sensor	19
Wireless Temperature Sensor	21
Wireless products	23
Wireless Intelligent Cloud Platform Service	24
Product Customization Services	26
Sensor Connectors and Accessories	27
Tilt Angle Sensor	27





Standard proximity sensor

Output: NPN/PNP 2-wire DC / 2-wire AC and DC / Namur

Operating voltage: DC, AC&DC, AC

10-30V(3-wire DC) / 10-60V(2-wire DC) / 10-55V(3-wire DC) /

6-36(3-wire DC) / 6-12V(2-wire DC Namur), 90-250V(2-wire AC), 20-250V(2-wire AC&DC)

Protection degree: IP67/68

Ambient temperature: -25~70℃

Specifications: D6.5, M8, Q8, M12, M18 M30

Sensing distance: (mm)

D	6.5	M	3,Q8	M	12	N	118	M	30
Flush	Non-flush								
1	2	1	2	2	4	5	8	10	15
2	4	2	4	4	8	8	16	16	25
3	6	3	6	6	10	12	20	22	40

High pressure proximity sensor

Output: NPN/PNP Operating voltage: 10-36V DC

Protection degree: IP67/68/IP69K Ambient temperature: -25~70°C

Pressure range:500BAR



Specifications: M12, M14, M16, M18 Customizable shell

M12	M14	M16	M18
Flush	Flush	Flush	Flush
1.5/2	2	2	3





Namur proximity sensor

Output:NAMUR

Operating voltage:8.2V DC

Protection degree: IP67/68/IP69K

Ambient temperature: -25~70℃

Specifications: *φ* 4, M5, M8, M12, M18, M30

Sensing distance: (mm)

φ4	M5	٨	M8		M12		M12 M18		18	M	30
Flush	Flush	Flush	Non-flush	Flush	Non-flush	Flush	Non-flush	Flush	Non-flush		
0.8	0.8	1	2	2	4	5	8	10	15		

Namur barrier

Two output: relay contact

Operating voltage:20-30V DC

Protection degree: IP20

Ambient temperature: -20~60℃



Open circuit voltage	short circuit current	Switch threshold	Two output
8V(±0.5V)	<8mA	1.2~2.1mA	Contact switch NAMUR switch
Hysteresis	Housing Material	Explosion-proof grade	
0.2mA (Typical value)	Flame retardant ABS	[Exia Ga]IIC	





High temperature proximity sensor (Inductive/Capacitive)

Output: NPN/PNP

Operating voltage: DC, AC&DC, AC

Protection degree: IP67

Ambient temperature: -25~230°C

Specifications: M8, M12, M18, M30

Sensing distance: (mm)

	M8	N	112	M18		N	130
Flush	Non-flush	Flush	Non-flush	Flush	Non-flush	Flush	Non-flush
1	2	2	4	5	8	10	15
2	4	4	8	8	16	16	25

Low temperature proximity sensor (Inductive/Capacitive)

Output: NPN/PNP

Operating voltage: DC, AC&DC, AC

Protection degree: IP67

Ambient temperature: -50~70°C



Specifications: M8, M12, M18, M30

L U	M8	M12		N	118	N	130
Flush	Non-flush	Flush	Non-flush	Flush	Non-flush	Flush	Non-flush
1	2	2	4	5	8	10	15
2	4	4	8	8	16	16	25





Corrosion resistance proximity sensor

Output: NPN/PNP

Operating voltage: 10-30V(2-wire DC), 20-250V(2-wire AC)

Protection degree: IP67

Ambient temperature: -25-70°C

Specifications: M8, M12, M18, M30

Sensing distance: (mm)

1	8N	N	112	M18		N	130
Flush	Non-flush	Flush	Non-flush	Flush	Non-flush	Flush	Non-flush
1	2	2	4	5	8	10	15
2	4	4	8	8	16	16	25

Analog output proximity sensor

Output: 4-20mA 0-10V

Operating voltage: 15-30V DC

Protection degree: IP67

Ambient temperature: -25-70℃



Specifications: WJ8, WJ12, WJ18, WJ30, Q40

N	M8		12	M18		M18		٨	/ 130	Q	40
Flush	Non-flush	Flush	Non-flush	Flush	Non-flush	Flush	Non-flush	Flush	Non-flush		
0.1-1.5	0.1-2.5	0.1-3.0	0.1-4.0	1-4	1-7	5-10	7-14	1-15	1-20		





Square proximity sensor

Output: NPN/PNP

Operating voltage: 10-30V DC

Protection degree: IP67

Ambient temperature: -25-70℃

Specifications: Y8X, Y8S, Y9, Y17, Y17A, Y17W, Y18A, Y18B Sensing distance: (mm)

Y8X	Y8S	Y9	Y17	Y17A	Y17W	Y18A	Y18B
Non-flush							
2.5 4	2.5 4	2.5 4	5	5	5	5	5

Ring proximity sensor

Output: NPN/PNP

Operating voltage: 10-30V DC

Protection degree: IP67

Ambient temperature: -25-70℃



Specifications: T6, T10, T15, T21

T6	T10	T15	T21
Non-flush	Non-flush	Non-flush	Non-flush
6	10	15	21





Ultra long distance proximity sensor (Inductive, Capacitive)

Output: NPN/PNP NO/NC

Operating voltage: DC, AC&DC, AC

Protection degree: IP67

Ambient temperature: -25-70°C

Specifications:, M5T, M6.5T, J8T, J12T, J18T, J30T

Sensing distance: (mm)

M5T	M5T M6.5T		M6.5T J8T J		12T J18T		J30T			
Flush	Flush	Non-flush	Flush	Non-flush	Flush	Non-flush	Flush	Non-flush	Flush	Non-flush
1/1.2/1.5	1/2/3	2/4/6	1/2/3	2/4/6	2/4/6	4/8/10	5/8/12	8/16/20	10/16/22	15/25/40

Capacitive proximity sensor

Output: NPN/PNP NO/NC

Operating voltage: DC, AC&DC, AC

Protection degree: IP67

Ambient temperature: -25-70℃



Specifications:, QJ8, QJ12, QJ18, QJ30

QJ8		QJ12		QJ18		QJ30	
Flush	Non-flush	Flush	Non-flush	Flush	Non-flush	Flush	Non-flush
1	2	2	4	5	8	10	15
2	4	4	8	8	16	16	25





Cylindrical photoelectric sensor

Output: NPN/PNP

Operating voltage: 10-30V DC/0-250V AC

Protection degree: IP67

Ambient temperature: -25-55°C

Specifications: FJ8, FJ12, FJ18, FJ30

Sensing distance: (m)

Туре	Diffuse reflection	Retro reflection	Through beam
FJ8	0.02	0.5	1
FJ12	0.1	1	4
FJ18	0.1-0.7	2	5
FJ30	0.1-1.5	3	5-10

Square photoelectric sensor

Output: NPN/PNP

Operating voltage: 10-30V DC/0-250V AC

Protection degree: IP67

Ambient temperature: -25-55℃



Specifications: Ultra small type, FS30, FS50, FS100

Туре	Diffuse reflection	Retro reflection	Through beam
Ultra small type	+1		0.1/1.5/1/2
FS30	0.3	1.5	5
FS50	0.3/0.5/1.5	3/5	5/10/30
FS100	2.5/4	8	15/20/30





Slot type photoelectric sensor

Output: NPN/PNP

Operating voltage: 10-30V DC/90-250V AC

Protection degree: IP67

Ambient temperature: -25-55℃

Specifications: Optocoupler, FU7, FU15A, FU30

Sensing distance: (mm)

Optocoupler	FU7	FU15A	FU30
5	15	15	30

High precision color sensor

Switching frequency: 40Hz

Operating voltage: 10-24V DC

Protection degree: IP67

Housing Material: Plastic



White light source	Sensing distance	Response time	LED intensity level 3	
Wide spectrum LED	28mm	25us		
Grayscale	Digital output	Data save	Short Circuit Protection	
00-50	Automatic detection NPN/PNP	EEPROM Read only store	Overload/Reverse polarity protection	





Safety light curtain

Output: NPN/PNP

Operating voltage: 10-30V(2-wire DC)/20-250V(2wire AC)

Protection degree: IP67

Ambient temperature: -25-55°C

Type	Optical axis pitch	Optical axis number	Protection width(cm)
		16	15
		24	23
		32	31
		40	39
		48	47
TB10	10mm	56	55
		64	63
		72	71
		80	79
		88	87
		96	95
	20mm	8	14
		12	22
		16	30
Aug. 274		20	38
TB20		24	46
		32	62
		40	78
		48	94
		4	12
		6	20
		8	28
		10	36
TB40	40mm	12	44
		16	60
		20	76
		24	92





Cylindrical laser sensor

Output: NPN/PNP

Operating voltage: 10-30V DC

Protection degree: IP67

Ambient temperature: 0-55℃

Specifications: M5, M8, M12, M18

Sensing distance: (m)

Туре	Diffuse reflection	Retro reflection	Through beam	
M5	0.2	1	20/50	
M8	0.3	1.5	30/60	
M12	0.3	1.5	50/80	
M18	0.3	1.5	70/100	

Square laser sensor

Output: NPN/PNP

Operating voltage: 10-30V DC

Protection degree: IP67

Ambient temperature: 0-55℃



Specifications: Q30, Q50

Туре	Diffuse reflection	Retro reflection	Through beam
Q30	0.2	5	100(20/50/70)
Q50	0.5	10	100





Fiber sensor(probe)

Through beam, diffuse reflection, L type, Window type, high-temperature type etc. From diameter of ϕ 1.5mm to over M6 can be customized. High temperature type can be resistant to high temperature of 350°C

Specifications: φ 1.5, φ 2, φ 3, φ 5, M3, M4, M6 Sensing distance: (mm)

Through beam	20	55	60	80	160	250	400
Diffuse reflection	8	12	24	48	64	80	100

Fiber sensor(amplifier)

Output: NPN/PNP Operating voltage: 12-24V DC

Protection degree: IP64

Ambient temperature: -50-70℃

Flexible deployment, accurate detection, economic preference, competitive price with fiber optic cable, realize more extensive measurement application.



Specifications: A3R, A4R, A5R Sensing distance: (mm)

Type	A3R	A4R	A5R
Regulating mode	Manual control	Automatic calibration	Automatic calibration
Display		Singular display	Dual display





Gear speed sensor

Supply voltage:8-30V DC Frequency range: 5-30KHz Earthquake Resistance: 5gn (from 5Hz to 2000Hz) Shock resistance:0gn (in 20ms, half sinusoid)

Protection degree: IP67

Ambient temperature: -40-120℃

Gear speed sensor

Supply voltage:8-30V DC Frequency range: 0-30KHz Earthquake Resistance: 5gn (from 5Hz to 2000Hz) Shock resistance:50gn (in 20ms, half sinusoid)

Protection degree: IP67

Ambient temperature: -40-120°C





Speed sensor

Dimensions:M30*105mm
Supply voltage:24V DC/ 110V AC/ 220V AC
Output:NPN/PNP
Regulating frequency range:
6-150 Pulse Per minute(the slow type)
120-3000 Pulse per minute(the fast type)
Protection degree: IP67

Ambient temperature: -25-70℃





Speed sensor

Dimensions: φ38*105mm
Supply voltage:24V DC/ 110V AC/ 220V AC
Output:NPN/PNP
Regulating frequency range:
6-150 Pulse Per minute(the slow type)
120-3000 Pulse per minute(the fast type)
Protection degree: IP67
Ambient temperature: -25-70°C

Speed sensor

Dimensions:M18*70mm
Supply voltage:10-36V DC Output:PNP DC
Current consumption:<15mA
Setting range:3-6000 pulse/min

Protection degree: IP67

Ambient temperature: -25-80℃





Intelligent digital display tachometer

Input signal: switching value, electrical level pulse External sensor: photoelectric sensor, proximity sensor, hall sensor, encoder, optional relay alarm, analog variable output, RS485 communication. Measurement display range:0-99999





Magnetic sensor

Operating voltage:10-36V DC/ 20-250V AC

Output:NO(2-wire), NC(2-wire)

Power:5 W Housing material:ABS/stainless steel

Rated operational frequency:10 Hz

Ultrasonic sensor

Operating voltage:15-30V DC rated operational current:200 mA

Protection degree: IP65

Ambient temperature: -25-70°C



Specifications: M12, M18, M30

Sensing distance	Voltage drop	Repeat accuracy	Switching frequency	
50-6000mm (customizable) ≤2.5V		≤0.5% ≤30Hz		
Hysteresis range	Input	Out	put	
1% of the set distance	One teach-in input	Analog output/Switching value NPN/PNP		

Standard operating mode:Reflective sensor

Objects entering the beam from any direction will cause the output signal to change as they enter the predetermined sensing range.

Reflective sensor

If a reflector is fixed in a fixed range of work, the ultrasonic proximity switch will be moved by all objects between the ultrasonic sensor and the reflector, and even the objects that absorb sound. Through beam sensor

The ultrasonic sensor only estimates whether there is an object between the transmitter and the receiver. The layout distance is twice the distance of a single sensor.





High temperature limit switch

Operating voltage:0-220V DC(customizable)
Ambient temperature: -20-350°C
Heat resistance can be up to 350°C
Dual loop limit switch for a wide range of applications
Robust, monolithic cast aluminum housing for high
mechanical strength
More than 10 models including roller arm, adjustable rod,
plunger and roller pressure column.

Waterproof Limit Switch

Rated Voltage:5A 125V, 3A 250V AC

Protection degree: IP67

Aluminum alloy cast housing, durable and mechanically strong High-grade protection, waterproof, oil-proof, dust-proof structure, can work underwater

Applicable to outdoor equipment, shield construction equipment, painting equipment, etc. on-site or high-grade waterproof and oil-proof requirements





Heavy duty switch

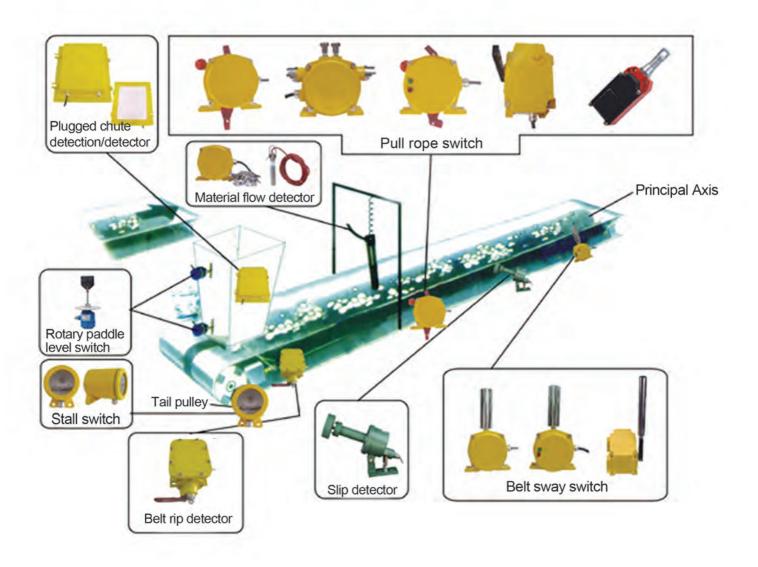
Rated insulation voltage:250V AC Protection degree: IP67

Widely used in steel equipment, large transportation machinery, loading and unloading machinery.

Could replace SCHMERSAL, SANBU and other brands



Conveyor belt protection device



Pull rope switch

Model No.: KJT Movement angle:30° Actuating force:10kg Limit angle:60° Output:1 NO contact,1 NC contact

(available on request 2 NO cantacts, 2 NC contacts)

Contact rating:AC 380V/5A







Small pressure transmitter

Output: 4-20 mA/ 0-5V/ 0-10V Operating voltage:9-24V DC Protection degree: IP65

Ambient temperature: -25~70°C

Specifications: Hirschmann lead type, Navigational lead type, Lead type

Measuring range	Pressure type	Precision grade	Insulation	
-100~20Kpa~100Mpa	Gage pressure 0.5%FS(typical), 0.3% 0.2%FS, 0.1%FS		100MΩ/250VDC	
Mechanical vibration	Long-term stability	Sampling time	Pressure overload	

Explosion-proof pressure transmitter

Output: 4-20 mA/ 1-5V DC

Housing material:stainless steel

Protection degree: IP65

Ambient temperature: -25~70℃



Measuring range	Measurement accuracy	Stability	Overload pressure
-0.1-0-100MP	$\pm 0.2\%$ FS(customizable) $\pm 0.5\%$ FS	≤±0.2%FS/year	≤150%FS
Medium temperature	Temperature drift	Measuring	g medium
-40-150°C (250°C customizable)	±0.03%FS/°C	Non-corrosive gases and	liquids for stainless steel





Electronic pressure relay

Output: 20-32V DC

Current consumption: about 100mA

Protection degree: IP65

Ambient temperature: -25~80°C

Specifications: Hirschmann lead type, Navigational lead type, Lead type

Measuring range	Burst pressure	Detection accuracy	Range signal
34/100/250/400/600bar	300%FS	<±1%FS	$4\sim$ 20mA Resistance<400 Ω
Vibration resistance	Shock resistance	Torsion range	Display
about 10g/0~500Hz	about 50g/1ms	17~20Nm	3-digit, 7-segment LCD code red

Digital display electronic pressure relay **KJTDQ**®

Power supply range: 24V ± 20%

Load capacity: <24V 1.2A Protection degree: IP65

Ambient temperature: -25~60°C



Measuring range	Detection accuracy	Stability	Display accuracy	
0-100bar	≤0.5%FS	≤0.2%/year	±0.1%FS	
Display method	Display range	Maximum power consumption	Switch life	
4-digit digital tube	-1999-9999	<3w	>1 million times	





Insertion type temperature transmitter

Supply voltage:9-36V DC

Output: 4-20mA/0-5V DC/1-5V DC/0-10V DC/RS485 (Output signal 0-10VDC needs to supply 15-36V)

Protection degree: IP65

Ambient temperature: -40~85℃

Specifications: Hirschmann lead type, Navigational lead type, Lead type

Measuring range	Measuring medium	Detection accurac	y Pressure rating	
-50-200°C	liquid, gas	liquid, gas ±5℃		
Stability	Maximum pov	ver Lo	Load characteristics	
±0.1%FS/year	Current type≤0.0 Voltage type≤0.0 Digital type≤0.0	02Us 08Us 15Us Current Vol	type≤0.02Us{(Us-7)/0.02}Ω tage load type≥100kΩ	

Digital insertion temperature transmitter

Supply voltage:9-36V DC

Output: 4-20mA/0-5V DC/1-5V DC/0-10V DC/RS485

(Output signal 0-10VDC needs to supply 15-36V)

Protection degree: IP65

Ambient temperature: -40~85°C



Measuring range	Measuring medium	Detection accuracy		Pressure rating	
-50-200°C	liquid, gas	s ±5℃		10MPa	
Stability	Maximum power		Load	characteristics	
±0.1%FS/year	Current type ≤ 0.02Us Voltage type ≤ 0.008Us Digital type ≤ 0.015Us			e ≤ 0.02Us{(Us-7)/0.02}Ω e load type ≥ 100kΩ	





Smart temperature sensor

Output: 4-20mA

Protection degree: IP65

Temperature & humidity: -30~60°C,<90%

Specifications:

Measure temperature	Insertion depth	Stability
PT100	10mm~2000mm (customizable)	0.2%FS/0.5%FS

Thermocouple

High quality raw material as temperature-sensing elements
The length of temperature probe could be customized
A digital display could be customized
Excellent long-term temperature stability



Туре	positive electrode	negative electrode
S	PtRh10	Pt
R	PtRh13	Pt
В	PtRh30	PtRh6
K	NiCr	NiSi
Т	Cu	CuNi
J	Fe	CuNi
N	NiCrSi	NiSi
E	NiCr	CuNi





Wireless temperature acquisition module (wristband type)

Measuring temperature range:-40°C-125°C
Measuring temperature resolution:0.0625°C
Housing material:Silica gel (high temperature resistant,
flame retardant),available colors: red, yellow, green
Communication method:410-510Hz, support multipath
communication combination
Communication distance:200m(no barrier),30m(with wall)
Power supply mode: lithium battery
Acquisition cycle: free setting

K-type thermocouple wireless collector

Measuring temperature range:-100°C-1300°C
(Depends on the type of thermocouple)
Measuring temperature resolution:0.1°C
Housing material:ABS
Communication method:410-510Hz, support multipath
communication combination
Communication distance:500m(no barrier),100m(with wall)

Power supply mode: lithium battery

Acquisition cycle: free setting





Wireless waterproof temperature collector

Measuring temperature range:-40°C-125°C
(Test temperature higher than 80 °C with extended detection)
Measuring temperature resolution:0.1°C
Housing material:ABS
Communication method:410-510Hz, support multipath
communication combination
Communication distance:200m(no barrier),30m(with wall)
Power supply mode: lithium battery
Acquisition cycle: free setting



Wireless temperature acquisition sensor



The wireless temperature acquisition sensor family is available in a variety of types and sizes. With thermocouples, the detection range of -100 $^{\circ}$ C \sim 1300 $^{\circ}$ C. There are also temperature resistant, waterproof, long distance and so on. Products can be used for cable temperature measurement, copper row temperature measurement, transformer temperature measurement, switch cabinet temperature measurement, bearing temperature measurement, boiler, oven temperature measurement, refrigerator, refrigerator temperature measurement, heating pipe, heat exchange station temperature measurement, oil temperature monitoring, Cement pouring temperature measurement, etc. At the same time, we provide you with a complete solution to meet your needs.



Wireless products

Professional customized service



Bi-directional signal transmission

RS485 communications interface

Collecting switching signal

Mixed signal transmission

Transmission analog signal

Transmission switching signal

Collecting analog signal

Enhanced long distance transmission

Wired world, wireless transmission

Ultra long-distance stable transmission
Compatible with other wireless systems





Wireless intelligent cloud platform service

Intelligent management equipment Avoid risk ahead of time

Applicable to all types of production enterprises, equipment manufacturers









What is wireless intelligent cloud platform service?

This is a set of remote integrated management system for industrial equipment such as PLC. It can grasp the running status of the equipment in real time and deal with it in time before the equipment fails, to solve the customer's worries.

What can this service do?

1. For production enterprises: Reduce your operation and maintenance costs and improve production efficiency through real-time remote control.

2. For equipment manufacturers: Through real-time remote monitoring to understand the operating status of the sold equipment, you can communicate with the customer in advance, and replace parts in time to avoid failure.

Remote monitoring: Remote monitoring of all operating conditions of the device on the computer and mobile phones, assisting on-site personnel to debug equipment and manage equipment information.

Fault warning: If the device is running, an exception will occur, and it will automatically send an email or SMS to alert the field operator and office monitor in advance.

Remote diagnosis: Quickly diagnose the root cause of the lock problem and automatically fix the problem remotely. Problems that require manual repair, can be repaired with tools according to the diagnostic report.

Remote operation: Remotely upgrade the device, if you are on a business trip, you can also use the mobile phone or computer to remotely operate and troubleshoot the equipment in the factory.

Data statistics: Record production data, maintenance records, and intelligent integrated forms for recorded data, so that you can control the performance of the scene at all times.



KITDO®

Why choose KJT?

KJT has a professional R&D and production elite team that not only supplies wireless sensor equipment, but also develops software and builds cloud servers to provide you with customized industrial security solutions that will keep you up to date with Industry 4.0. KJT sensor has CE certificate, RoHS certificate and explosion-proof certification. It is exported to more than 20 countries such as Germany, France and Turkey. The products are tested by military for corrosion resistance and high and low temperature resistance. Wireless sensors are supported by many patents and are widely used in steel, power plants, railways and other harsh environments to ensure your production safety.



Wireless intelligent cloud platform service



Compatibility

The hardware module has various communication interfaces, and can adopt various communication modes such as GPRS, 3G, 4G, wift and Ethernet, and is compatible with RS422/232/485, RJ45 and other interfaces at the same time.

The system is compatible and compatible with Mitsubishi, Siemens, Omron, Hollysys, Schneider, Rockwell and other mainstream PLCs and other core controllers.

♦ Fault warning

The equipment has fault warning and diagnosis functions. When the alarm threshold is reached, the alarm can be given by SMS or email.

The warning parameters and alarm thresholds can be set by the customer.

♦ Real-time

The system can realize online remote monitoring and comprehensive management of equipment, and has PLC online programming and fault warning diagnosis function.

The system has strong scalability, and can follow the customer's actual situation in stages, and can accommodate up to hundreds of thousands of devices at the same time.

◆ Customized service

The system is tailor-made for SMEs, and the system construction cost is low. Without affecting the basic functions of the system, it can be constructed in stages according to the scale of enterprise development. Customers do not need to re-develop the platform, the software platform can be customized according to the customer's industry, and the platform style and parameters can be set by the customer.

Safety

The communication system uses VPN-specific secure channel and PSA encryption algorithm to ensure communication data security. The software platform can be customized according to the industry of the customer.

industry of the customer.
The platform style and parameters can be set by the customer. The system supports disconnection reconnection, abnormal recovery, system self-monitoring and other functions.

♦ Simple installation

The module is small in size and can be selected to match the PLC. It can be installed without changing the basic structure of the mechanical equipment. It adopts rail mounting method and is suitable for the installation of internal components of most equipment.

KJT Intelligent gateway

KJT Intelligent Gateway is a device communication terminal product that integrates various Internet communication technologies and is oriented to the industrial field. It includes various Internet access modes such as 3G, 4G, WIFI, etc., which can adapt to various network application environments and provide secure communication links that are available everywhere. It provides high-speed data channel for information management of equipment, providing a safe and reliable guarantee and a solid foundation for the realization of all functions of the whole system.

It can remotely communicate with multiple PLCs or touch screens at the same time and flexibly access the respective device management platforms.





Product customization service



KJT R&D Center team has many years of experience in PCBA development and production based on consumer electronics, industrial automation products and electromechanical control products. It has many years of MCU development and industrial control circuit design, MCU programming, hardware circuit, drive circuit design, industrial control board, home appliance control panel and other production experience. Involved in security, financial and electrical, temperature control equipment, mechanical and electrical products. Instruments and other fields. For a long time, we have customized various types of sensors, industrial automation control panels, and unmanned aerial vehicle acceleration control for domestic and foreign customers.







Plug connectors and cables

Cable Description: PVC/PUR oil resistant cable, optional high temperature resistant, waterproof

Length: 2m/5m/10m/15m/20m

Nut material: Brass nickel plated / stainless steel

Protection degree: IP68

Ambient temperature: -25-80°C (Customizable

high temperature cable)

Specifications: M8、M12 female/ male

Type	M8							
PICO type M8 insert with self-locking nut	3-hole/pin straight 3-hole/pin elbow 4-hole/pin straight type 2m die-cast cable type 2m die-cast cable 4-hole/pin elbow type 2m die-cast cable type 2m die-cast cable							
Туре		M12						
EURO type M8 insert with self-locking nut	4-hole/pin straight type 2m die-cast cable	4-hole elbow 2m die-ca	type	6-hole/pin straight type 2m die-cast cable	6-hole/pin elbow type 2m die-cast cable	8-hole/p straight t 2m die-cast	vpe	6-hole/pin elbow type 2m die-cast cable

Single/double axis tilt sensor

Input voltage: 9-30V Input Current: <6mA

Housing material: Aluminum alloy

Ambient temperature: -40-85°C

Impact resistance index: 3500g, 0.5ms, 3 times/axis



Specifications: Analog quantity/Digital

Output	Range	Stability	Interface Type	0° output
Digital	±90	0.5	4-20MA	12MA±0.5
Analog	±5~±90	0.5	0-5V/4-20MA	2.5V±0.1



Certificates& Photos

Barrier explosion-proof certification



防爆合格证 D HAMELAARRANAE





ISO:9001

certification





Proximity sensor





Photoelectric sensor

Proximity sensor explosion-proof certification

Limit switch explosion-proof certification

Proximity sensor CE certification

P

实用新型专利证书

Photoelectric sensor CE certification

Wireless temperature sensor patent



Wireless pressure

sensor patent





Wireless tilt sensor patent

High temperature limit switch patent





· 中t有

Wireless proximity sensor patent







··· 中午街

Wireless limit

switch patent

Wireless foot switch patent

Won the national high-tech enterprise certificate



Indian customers visited our company to discuss cooperation





Malaysian customers communicate with sales staff at the exhibition stand--The 20th Shanghai industrial expo



Meet UK customers and sign contracts





Follow Official Account

Nanjing KJT Electric Co.,LTD

 $Add: No.1\ Fangyuan\ Road, JiangNing\ District, NanJing\ City, JiangSu, 211102, China.$

Southeast Asia office:48/14 Ratchadaphisek20, Huaikwang, BKK 10310.

Tel: +86 02565019201 / +66 0957039320 Fax: +86 02587168200

E-mail: postmaster@kjtsensor.com

Web: www.kjt-sensor.com