

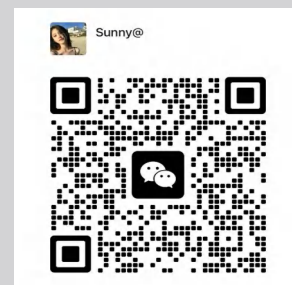
Prognosense Technology



Industrial Temperature & Pressure Sensor

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Prognosense Technology (Zhejiang) Co., Ltd.



C ompany Profile

Prognosense is a high technology enterprise which was located in Huzhou city,Zhejiang Province,China. Nearly Ningbo Port and Shanghai port, it's very convenient for transportation.

The company's owner is a German Dr with more than 10 years sensor industry experiences.

We focus on R&D, manufacturing and global supply of high-performance sensors for industrial automation, mining industry, medical industryand hydrogen energy industry.....

Committed to German-quality standards, we provide high precision products and stability &reliability service to worldwide customers.

Our proprietary technologies, strict quality control and customized solutions make us a trusted partner for global customers.



Prognosense Technology (Zhejiang) Co., Ltd.

Building 3, Huichuang Science and Technology Industrial Park,
Huzhou City,Zhejiang Provin,China.



Company Vison

Provide Perfect Products
For Customers

Business Philosophy

Integrity | Professionalis |
Excellence | Mutual Sucess

Team Culture

Diligence|Progmatisim|Efficiency|
Innovation|Unity|Gratitude

Core Values

Fairness and Trust | Unity First
Respoinsibility and Collaboration |
Customer Foremost



Company Culture

CONTENTS

Platinum Resistance Series

05

Thermocouple Serise

07

Low Temperature Series

13

Pressure Sensor Series

17

Corrosion-Resistant Series

21

Explosion-Proof Sensor Series

25

Low Temperature Measuring
Instrument

27



 Flexible Adaptation

 Precision & Reliability

 Customization

PROG-SR101 Series

Low Temperature Type of
Platinum Resistance



Temperature-Sensing Element	PT100 PT1000 Platinum Resistance
Operating Temperature	-200℃~+600℃
Accuracy Class	AA:±0.10℃(0℃~150℃) A:±0.15℃(-50℃~300℃) B:±0.3℃(-70℃~500℃) C:±0.6℃(-70℃~550℃)
Insulation Resistance	>100MΩ 100VDC(20℃)
Probe Diameter	Φ3/Φ4/Φ5/Φ6.... Material: SUS304、 SUS316L
Connecting Way	2 wire / 3 wire / 4 wire
Wire Material	PVC / PTFE / Silicone / Metal-Fiberglass Wire
Application	High & Low Temperature Test Chamber ; Ultr-Low Temperature Liquid Nitrogen Measurement ; Freeze-Drying Industry ; Refrigeration Industry ;

PROG-SR102 Series

Hygienic Type of
Temperature Sensor



Temperature-Sensing Element	PT100 PT1000 Platinum Resistance
Operating Temperature	-50℃~300℃
Accuracy Class	AA:±0.10℃(0℃~150℃) A:±0.15℃(-50℃~300℃) B:± 0.3℃(-70℃~500℃)
Signal Output	4~20mA
Probe Diameter	Φ3/Φ4/Φ5/Φ6.... Material: SUS316L
Connecting Way	3 wire / 4 wire ; DN25/50 clamp; G1/2,G3/8 Screw thread.....
Electrical Interface	Single M12x1 (4 pins Connector); Double M12x1 (8 pins connector)
Application	Food Industry ; Hygienic Medical Equipment; Small space equipment ;

 High Cost-Effectiveness

PROG-SR103 Series

Spring lock type of Platinum
Resistance



 Wide Applicability

 Stable & Durable

Temperature-Sensing Element	PT100 PT1000 Platinum Resistance
Operating Temperature	-70℃~550℃
Accuracy Class	AA:±0.10℃(0℃~150℃) A:±0.15℃(-50℃~300℃) B:±0.3℃(-70℃~500℃) C:±0.6℃(-70℃~550℃)
Insulation Resistance	>100MΩ 100VDC (20℃ standard environment)
Probe Diameter	Φ4/Φ5/Φ6.... Material: SUS304、 SUS316L
Connecting Way	2 wire / 3 wire / 4 wire
Wire Material	PVC / PTFE / Silicone / Metal-fiberglass Wire
Application	Measurement for the fastener,bearing and plastic industry; Measuring pilot holes and tapered holes;

PROG-SR104 Series

Surface-Mount Type of Platinum
Resistance (SMD RTD)



Temperature-Sensing Element	PT100 PT1000 Platinum Resistance
Operating Temperature	-70℃~500℃
Precision Grade	A:±0.15℃(-50℃~300℃) B:±0.3℃(-70℃~500℃)
Insulation Resistance	>100MΩ 100VDC (20℃ standard environment)
Probe Appearance	SMD type / Drill-in Type (Can be customized) Material: Plastic / Metal
Connecting Way	2 wire / 3 wire / 4 wire
Wire Material	PVC / PTFE / Silicone / Metal-fiberglass Wire
Application	Industry Equipment:Surface Temperature Measurement ; Pipeline Surface Temperature Measurement;

 Flexible Adaptation

 Precision & Reliability

 Customization

PROG-SR105 Series

Mineral Insulated Type of Platinum Resistance



Temperature-Sensing Element	PT100 PT1000 Platinum Resistance
Operating Temperature	-200℃~600℃
Accuracy Class	AA:±0.10℃(0℃~150℃) A:±0.15℃(-50℃~300℃) B:±0.3℃(-70℃~500℃) C:±0.6℃(-70℃~550℃)
Insulation Resistance	>100MΩ 100VDC (20℃ standard environment)
Probe Diameter	Φ3/Φ4/Φ5/Φ6.... Material: Inconel600 /SUS304/ SUS316L
Connecting Way	2 wire / 3 wire / 4 wire
Wire Material	PTFE / Silicone / Metal-fiberglass Wire
Application	Power Station ; Engine ; Piping ; Test Stand ;

PROG-SR106 Series

Mini Lead Wire Type of Platinum Resistance



Temperature-Sensing Element	PT100 PT1000 Platinum Resistance
Operating Temperature	-70℃~500℃
Accuracy Class	AA:±0.10℃(0℃~150℃) A:±0.15℃(-50℃~300℃) B:±0.3℃(-70℃~500℃)
Insulation Resistance	>100MΩ 100VDC (20℃ standard environment)
Probe Diameter	Φ1/Φ1.5/Φ2/Φ3/Φ3.2....
Connecting Way	3 wire / 4 wire
Wire Material	FEP / PFA.....
Application	Industry Equipment ; Automotive Electronics ; Petroleum & Chemicals ;

 High Cost-Effectiveness

 Wide Applicability

 Stable & Durable

PROG-SR801 Series

Insertion Type Platinum Resistance



Temperature-Sensing Element	PT100 PT1000 Platinum Resistance
Operating Temperature	-70℃~500℃
Accuracy Class	AA:±0.10℃(0℃~150℃) A:±0.15℃(-50℃~300℃) B:±0.3℃(-70℃~500℃) C:±0.6℃(-70℃~550℃)
Insulation Resistance	>100MΩ 100VDC (20℃ standard environment)
Probe Diameter	Φ3/Φ4....
Connecting Way	3 wire / 4 wire ; Platinum Resistance: Single and double available
Wire Material	FEP / PFA / Silicone
Application	Food Industry ; Medical Industry ; Sterilization Cabinet ;

PROG-SR401 Series

Hirschmann temperature probe



Temperature-Sensing Element	PT100 PT1000 Platinum Resistance
Operating Temperature	-50℃~300℃
Accuracy Class	AA:±0.10℃(0℃~150℃) A:±0.15℃(-50℃~300℃))
Insulation Resistance	>100MΩ 100VDC (20℃ standard environment)
Probe Diameter	Φ3~Φ8....
Connecting Wire Way	2 wire / 3 wire
Connecting Way	Hirschmann Connector ; G1/2 ; G1/4 ; M20*1.5 screw thread ;
Application	Engine ; Compressor ; Construction Machinery ; Shipbuilding Industry ;

 **High Impact Resistance**

 **Precision & Reliability**

 **Customization**

 **High Cost-Effectiveness**

 **Wide Applicability**

 **Stable & Durable**

PROG-ST101 Series

Mineral Insulated Insertion
Type of Thermocouple



Item Type	Mineral Insulated Insertion Type of Thermocouple
Thermocouple Type	K Type / T Type / E Type / J Type / N Type.....
Operating Temperature	-200℃~1200℃
Accuracy Class	I: +1.5 or+0.4%t II:+2.5 or+0.75%t
Insulation Resistance	>500MQ 500VDC (20℃ standard environment)
Probe Diameter	Φ3/Φ4/Φ5/Φ6/Φ8... Material: SUS304 /316L/Inconel600
Wire Material	TPFE / Silicone / Fiberglass / Metal-fiberglass.....
Application	Power Station ; Pipelines; Dry-well Calibrators; Laminating Machines ; Metallurgy & Chemicals ;

PROG-ST102 Series

Mineral Insulated Screw-In
Type of Thermocouple



Item Type	Mineral Insulated Screw-In Type of Thermocouple
Thermocouple Type	K Type / T Type / E Type / J Type / N Type.....
Operating Temperature	-200℃~1200℃
Accuracy Class	I: +1.5 or+0.4%t II:+2.5 or±0.75%t
Insulation Resistance	>500MQ 500VDC (20℃ standard environment)
Probe Diameter	Φ3/Φ4/Φ5/Φ6/Φ8..... Material: SUS304 /316L/Inconel600.
Wire Material	TPFE / Silicone / Fiberglass / Metal-fiberglass.....
Application	Measurement For Liquid & Gases ; Heating Equipment ; Industry Equipment ; Oven ; Heating Furnace ;

PROG-ST103 Series

Spring Clip Type of Thermocouple
with lead wire



Item Type	Spring Clip Type of thermocouple with lead wire
Thermocouple Type	K Type / T Type / E Type / J Type / N Type.....
Operating Temperature	-200℃~350℃
Accuracy Class	I: +1.5 or+0.4%t II:+2.5 or+0.75%t
Insulation Resistance	>500MQ 500VDC (20℃ standard environment)
Construction Dimension	M10*1.5 / M12*1.5 Screw Thread ; Probe Material: SUS304 / SUS316 ; Tube Diameter: Φ3/Φ4/Φ5/Φ6.....
Wire Material	TPFE / Silicone / Fiberglass / Metal-fiberglass.....
Application	Measurement for the fastener,bearing and plastic industry; Measuring bottom holes and tapered holes;

PROG-ST104 Series

Surface-mounted Type of
Thermocouple



Item Type	Surface-mounted Type of Thermocouple
Thermocouple Type	K Type / N Type
Operating Temperature	0℃~400℃
Accuracy Class	I: +1.5℃ or+0.4%t II:+2.5℃ or±0.75%t
Insulation Resistance	>500MQ 500VDC (20℃ standard environment)
Appearance Dimension	Patch Type / Copper Nut Type
Wire Material	TPFE / Metal-fiberglass.....
Application	Pipe Surface Temperature Measurement; Outer Wall Temperature Measurement (Rubber/Plastic...); Motor Bearing Surface Temperature Measurement ;

 High Impact Resistance

 Precision & Reliability

 Customization

 High Cost-Effectiveness

 Wide Applicability

 Stable & Durable

PROG-ST701 Series

Ultra-fine Mineral Insulated Type of Thermocouple



Item Type	Ultra-fine Mineral Insulated Type of Thermocouple
Thermocouple Type	K Type / N Type / S Type / R Type / B Type
Operating Temperature	0℃~1000℃
Accuracy Class	I: +1.5℃ or+0.4%t II:+2.5℃ or±0.75%t
Insulation Resistance	>500MQ 500VDC (20℃ standard environment)
Construction Dimension	Φ0.25mm / Φ0.5mm / Φ1mm / Φ1.5mm
Wire Material	TPFE / Metal-fiberglass.....
Application	Rapid Temperature Measurement of Molten Metals ; Measurement for scientific Research Experiments ; Precise Measurement in Confined Spaces ;

PROG-ST801 Series

Mineral Insulated Thermocouple With Terminal Box



Item Type	Mineral Insulated Thermocouple With Terminal Box
Thermocouple Type	K Type / T Type / E Type / J Type / N Type / S Type / B Type
Operating Temperature	-200℃~1600℃
Accuracy Class	I: +1.5℃ or+0.4%t II:+2.5℃ or±0.75%t
Insulation Resistance	>500MQ 500VDC (20℃ standard environment)
Construction Dimension	Tube Diameter: Φ3/Φ4/Φ5/Φ6/Φ8 /Φ10 Available Material: SUS304/SUS316
Wire Material	TPFE / Silicone Wire.....
Application	Petrochemicals & Pharmaceuticals ; Chemicals ; Smelting Equipment ; Heating Equipment ;

PROG-ST901 Series

High-temperature Thermocouple with Alumina Ceramic Tube



Item Type	High-temperature Thermocouple With Alumina Ceramic Tube
Thermocouple Type	K Type / N Type / S Type / R Type /B Type
Operating Temperature	-200℃~1600℃
Accuracy Class	I: +1.5 ℃ or+0.4%t II:+2.5 ℃ or±0.75%t
Insulation Resistance	>500MQ 500VDC (20℃ standard environment)
Construction Dimension	Pipe Diameter:Φ12 / Φ16 / Φ20 / Φ25 Material: SUS304 / SUS316
Protect Tube Material	Alumina Ceramic Tube / GH3039 / Inconel600
Application	Industry Kilns ; High-temperature Steel Smelting ; Thermo Power Plants ; Waste Incinerators ;

PROG-ST902 Series

High-temperature Abrasion-Resistance Thermocouple



Item Type	High-temperature Abrasion-resistance Thermocouple
Thermocouple Type	K Type
Operating Temperature	0℃~1200℃
Accuracy Class	II:+2.5 ℃ or±0.75%t
Insulation Resistance	>500MQ 500VDC (20℃ standard environment)
Probe Diameter	Φ12 / Φ16 / Φ20 / Φ25..... Material: Co40/Co18/ Ni60/NiCrMo Alloy
Wire Material	TPFE/Silicone/Fiberglass/ Metal-fiberglass
Application	Waste Incineration Plants ; Cogeneration Plants ; Boiler System ; Gas Turbine ; Steelworks ; Heat Treatment Furnace



High Impact Resistance



Precision & Reliability



Customization



High Cost-Effectiveness



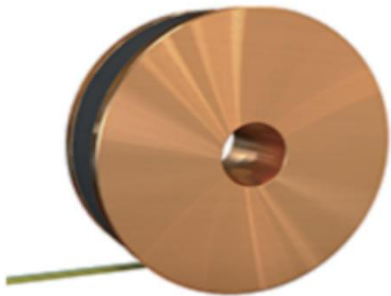
Wide Applicability



Stable & Durable

PROG-ULT_Di07-ZC Series

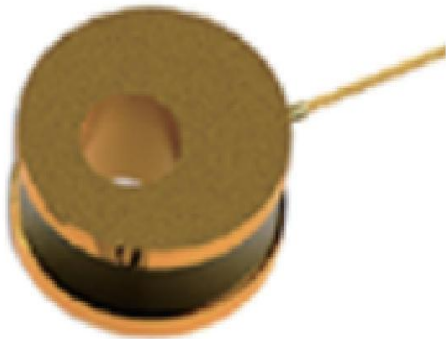
Centered circle Chip Resistor
With Diode



Item Type	Centered circle Chip Resistor With Diode
Operating Temperature	1.4K~500K
Accuracy Class	±0.1-1.0K
Input Currenr	10μA
Probe Dimension	Housing Material: Gold-plated Oxygen-free copper Diameter: φ6~φ12 Inner Diameter: φ3
Connecting Way	2 Wire / 4 Wire
Wire Material	Four-color phosphor bronze wire
Application	High-Precision Temperature Measurement For Ultra-low temperature Liquid-Helium/Liquid Hydrogen/Liquid Nitrogen ;

PROG-ULT_Di07-PC Series

Eccentric Circle Chip Resistor
With Diode



Item Type	Eccentric Circle Chip Resistor With Diode
Operating Temperature	1.4K~500K
Accuracy Class	±0.1-1.0K
Input Currenr	10μA
Probe Dimension	Housing Material: Gold-plated Oxygen-free copper Diameter: φ6 Inner Diameter: φ3
Connecting Way	2 Wire / 4 Wire
Wire Material	Four-color phosphor bronze wire ; Enameled Wire ;
Application	High-Precision Temperature Measurement For Ultra-low temperature Liquid-Helium/Liquid Hydrogen/Liquid Nitrogen ;

PROG-ULT_Di07-ZLJ Series

Chiller Sensor With Diode



Item Type	Chiller Sensor With Diode
Operating Temperature	4K~500K
Accuracy Class	±1K
Input Currenr	10μA
Probe Dimension	Housing Material: Gold-plated TU2 Oxygen-free copper ; #4-40 UNF-2B ;
Connecting Way	2 Wire
Wire Material	Oxygen-free copper sheet ; Housing can be customized ;
Application	High-Precision Temperature Measurement For Ultra-low temperature Liquid Hydrogen/ Liquid Nitrogen ; Chiller

PROG-ULT_Di07-BM Series

Plate-type Surface-Mount of
Diode Sensor



Item Type	Plate-type Surface-Mount of Diode Sensor
Operating Temperature	1.4K~500K
Accuracy Class	±1K
Input Currenr	10μA
Connector Dimension	Screw-fixed Connection
Connecting Way	2 Wire / 4 Wire
Wire Material	Four-color phosphor bronze wire ; Enameled Wire ;
Application	High-Precision Temperature Measurement For Ultra-low temperature Liquid-Helium/Liquid Hydrogen/Liquid Nitrogen ;



High Impact Resistance



Precision & Reliability



Customization



High Cost-Effectiveness



Wide Applicability



Stable & Durable

PROG-ULT_Di07-LSX Series

Screw-in Diode Sensor



Item Type	Screw-in Diode Sensor
Operating Temperature	1.4K~500K
Accuracy Class	±0.1-1.0K
Input Currenr	10μA
Probe Dimension	Housing Material: Gold-plated Oxygen-free copper Diameter: φ6~φ12 Inner Diameter: φ3
Connecting Way	2 Wire / 4 Wire
Wire Material	Four-color phosphor bronze wire ; Enameled Wire
Application	High-Precision Temperature Measurement For Ultra-low temperature Liquid-Helium/Liquid Hydrogen/Liquid Nitrogen ;

PROG-ULT_Di07-Head Series

Diode Sensor With Terminal Box



Item Type	Diode Sensor With Terminal Box
Operating Temperature	18K~500K
Accuracy Class	±0.1-1.0K
Input Currenr	10μA
Probe Dimension	Housing Material: 316L Diameter: φ6~φ12
Connecting Way	4 Wire
Wire Material	Four-color phosphor bronze wire ; Enameled Wire ;
Application	High-Precision Temperature Measurement For Ultra-low temperature Liquid-Helium/Liquid Hydrogen/Liquid Nitrogen ;

PROG-ULT_Di07-MMI Series

Mineral Insulated Type of Ultra-fine Straight-Tube Diode Sensor



Item Type	Mineral Insulated Type of Ultra-fine Straight-Tube Diode Sensor
Operating Temperature	18K~500K
Accuracy Class	±0.1-1.0K
Input Currenr	10μA
Probe Dimension	Housing Material: 316L Diameter: φ3
Connecting Way	4 Wire
Wire Material	Four-color phosphor bronze wire ; Enameled Wire ;
Application	High-Precision Temperature Measurement For Ultra-low temperature Liquid-Helium/Liquid Hydrogen/Liquid Nitrogen ;

PROG-ULT_Di07-LMI Series

Long Mineral Insulated Diode Sensor



Item Type	Long Mineral Insulated Diode Sensor
Operating Temperature	18K~500K
Accuracy Class	±0.1-1.0K
Input Currenr	10μA
Probe Dimension	Housing Material: 316L Diameter: φ6~φ12
Connecting Way	2 Wire / 4 Wire
Wire Material	Four-color phosphor bronze wire ; Enameled Wire ;
Application	High-Precision Temperature Measurement For Ultra-low temperature Liquid-Helium/Liquid Hydrogen/Liquid Nitrogen ;

 High Impact Resistance

 Precision & Reliability

 Customization

 High Cost-Effectiveness

 Wide Applicability

 Stable & Durable

PROG-S300SR Series

Mini Type Pressure Sensor



Item Type	Mini Type Pressure Sensor
Pressure Type	Gauge Pressure
Measuring Range	0~10MPa
Accuracy Class	±0.2%FS / ±0.5%FS
Operating Temperature	-20℃~85℃
Operrating Voltage	24VDC
Input Way	4~20mA
Application	HVAC ; Refrigeration Engineering ; Compressor Engineering ; Mechanical Engineering ;

PROG-S3001R Series

Standard Type Pressure Sensor



Item Type	Standard Type Pressure Sensor
Pressure Type	Gauge Pressure
Measuring Range	0~10MPa
Accuracy Class	±0.2%FS / ±0.5%FS
Operating Temperature	20℃~85℃
Operrating Voltage	24VDC
Input Way	4~20mA
Application	Compressor Engineering ; Packaging Industry ; Pipeline Pressure Measurement ;

PROG-S3002R Series

2088 Housing Pressure Sensor



Item Type	2088 Housing Pressure Sensor
Pressure Type	Gauge Pressure
Measuring Range	0~25MPa
Accuracy Class	±0.2%FS / ±0.5%FS
Operating Temperature	-20℃~85℃
Operrating Voltage	24VDC
Input Way	4~20mA
Application	Petroleum Industry ; Chemicals Industry ; Metallury Industry ; Electric Power Industry ;

PROG-S3003R Series

Intelligent Differential Pressure Sensor



Item Type	Intelligent Differential Pressure Sensor
Pressure Type	Differential Pressure
Measuring Range	0-0.1kPa~3MPa
Accuracy Class	±0.075%FS; ±0.1%FS; ±0.2%FS;
Operating Temperature	-20℃~85℃
Operrating Voltage	24VDC
Input Way	4~20mA
Application	High-precision Measurement of Liquid/Gases or Vapors.....

-  High Impact Resistance
-  Precision & Reliability
-  Customization

-  High Cost-Effectiveness
-  Wide Applicability
-  Stable & Durable

PROG-S3007R Series

Liquid Hydrogen Pressure Sensor



Item Type	Liquid Hydrogen Pressure Sensor
Pressure Type	Gauge Pressure
Measuring Range	0~100MPa
Accuracy Class	±0.2%FS / ±0.5%FS
Operating Temperature	-20℃-85℃
Operrating Voltage	24VDC
Input Way	4~20mA
Application	PEM Fuel Cell ; Hydrogen Refueling Stations ; Hydrogen Storage/Hydrogen Fuel Cell Vehicles ;

PROG-S3008R Series

Mini Digital Type Pressure Sensor



Item Type	Mini Digital Type Pressure Sensor
Pressure Type	Sealed Gauge pressure
Measuring Range	0~20KPa-100MPa
Accuracy Class	±0.5%FS
Operating Temperature	0℃~85℃
Operrating Voltage	2.7V~5VDC
Input Way	I²C Protocol
Application	In-meter Pressure Measurement ;



High Impact Resistance



Precision & Reliability



Customization



High Cost-Effectiveness



Wide Applicability



Stable & Durable

PROG-T Series

Temperatrure Transmitter



Measuring Range	-50℃~150℃
Accuracy Class	0.2 / 0.5
Input Voltage	24VDC
Output Signal	4-20mA
Environment Temperature	-20℃~85℃ / 85%RH
Electrical Interface	Hirschmann Connector Output
Housing Material	PVDF / PTFE ; Connected with screw thread can be customized ;
Application	Temperature Measurement Area: Refrigeration/warehouse/food/ Medical/Mechanic//Petroleum/ Chemicals/Smelting/Light Industry and Textiles/Atomic Energy.....

PROG-PV Series

Pressure Transmitter



Measuring Range	-50~450kPa
Accuracy Class	0.2%F.S / 0.5%F.S
Input Voltage	24VDC
Output Signal	4-20mA
Environment Temperature	-20℃~85℃
Overload Capacity	Safe Overload: 150% ; Extreme Overload: 250% ;
Housing Material	PVDF (resistant to weak acids & bases) ; Connected with screw thread can be customized ;
Application	Chemical Engineering ; Food Hygiene ; Medicals ;

PROG-PE Series

Pressure Transmitter



Measuring Range	-50~450 KPa
Accuracy Class	0.2%F.S / 0.5%F.S
Input Voltage	24VDC
Output Signal	4-20mA
Environment Temperature	-20℃~85℃
Overload Capacity	Safe Overload: 150% ; Extreme Overload: 250% ;
Housing Material	PTFE (resistant to strong acids & bases) ; Connected with screw thread can be customized ;
Application	Chemical Engineering ; Food Hygiene ; Medicals ;

PROG-YL Series

Electrode Type Liquid
Leakage Sensor



Item Type	Electrode Type Liquid Leakage Sensor
Electrode Material	Titanium Rod
Measuring Medium	Corrosive acid-base conductive solution
Base Material	ABS Resin
Lead Wire Material	PFA/PVC
Input Voltage	12~24VDC
Shunt resistor	<2Ω
Application	Detects Leaks in Hydraulic Fluid/coolant/ acidic/alkaline solutions ; Detects Leaks in battery pack electrolytes ; Detects Leaks in HVAC condensate and fire suppression piping ; Laboratory/Medical Industry ;

 High Impact Resistance

 Precision & Reliability

 Customization

 High Cost-Effectiveness

 Wide Applicability

 Stable & Durable

PROG-TP Series

Surface-Mount Type of
Temperatrure Sensor



Item Type	Surface-Mount Type of Temperature Sensor
Operating Temperature	-50℃~150℃
Element Accuracy	A Class
Element Type	PT100/PT1000
Probe Material	PTFE / PVDF / PFA.....
Connecting Way	2 Wire / 3 Wire / 4Wire
Wire Material	PVC / TPFE / Silicone / Metal-fiberglass
Application	Food Industry ; Medical Industry ; Mechanical Industry ;

PROG-TL Series

Insert Type of Anti-
corrosive Temperature
Transmitter



Item Type	Insert Type of Anti-corrosive Temperature Transmitter
Operating Temperature	-50~260℃
Element Accuracy	A Class / B Class
Element Type	PT100/PT1000
Wetted Parts Material	PTFE / PVDF.....
Connecting Way	3 Wire / 4Wire
Output Signall	4~20mA
Application	Food Industry ; Medical Industry ; Chemicals Industry ; Semiconductors Industry ;

 High Impact Resistance

 Precision & Reliability

 Customization

 High Cost-Effectiveness

 Wide Applicability

 Stable & Durable

PROG-EP01

Explosion-Proof
Temperatrure Sensor



Item Type	Explosion-Proof Temperature Sensor
Explosion-proof Class	Ex db IIC T6 Gb ; Ex tb IIIC T80°C Db
Operating Temperature	-200°C~600°C
Accuracy Class	AA: ± 0.10°C(0°C~150°C) A: +0.15°C(-50°C~300°C) B: ± 0.3°C(-70°C~500°C)
Isulation Resistance	>100MΩ 100VDC (20°C standard environment)
Power Supply	24 VDC
IP Grade	IP66 / IP67
Application	High-precision pressure measurement for liquids,gases, steam.....

PROG-EP02

Explosion-Proof
Pressure Transmitter



Item Type	Explosion-Proof Pressure Transmitter
Explosion-proof Class	Ex ia IIC T6 Ga ;
Output Signal	4~20mA
Screw Thread Specific	G1/2 ; G1/4 ; M20*1.5 ; M12*1.5 ;
Medium Temperature	-20°C~80°C
Power Supply	24 VDC
IP Grade	IP66 / IP67
Application	High-precision pressure measurement for liquids,gases, steam.....

PROG-EP03

Explosion-Proof Intelligent
Pressure Transmitter



Item Type	Explosion-Proof Intelligent Pressure Transmitter
Explosion-proof Class	Ex db IIC T6 Gb ;
Output Signal	4~20mA
Screw Thread Specific	G1/2 ; G1/4 ; M20*1.5; NPT1/2 ;
Medium Temperature	-20°C~80°C
Power Supply	24 VDC
IP Grade	IP66 / IP67
Application	High-precision pressure measurement for liquids,gases, steam.....



High Impact Resistance



Precision & Reliability



Customization



High Cost-Effectiveness



Wide Applicability



Stable & Durable

Parameter Type	Diode Temperature Probe
Temperature Measuring Range	1.4K~500K
Display Unit	°C
Display Resolution	0.001°C
Maximum Permissible Errors	Low Temperature Stage: ±1°C High Temperature Stage:±2°C
A/D Change	24 bit
Maximum operating error of the internal current	Better than 0.05%
Data Updated Rate	1 time/ second (the highest)
Internal flash curve storage	Support 4871 points/pc curve download
Power Supply	220 VDC
Support Probe lead wire	4 Lead wire differential Way
Display Screen	3.5-inch LCD screen
Output	(4-20)mA
Special Function A	Can re-download the new probe parameters
Special Function B	USB connector,can connected with PC
Special Function C	Compatibility with 10uA、 17uA...different conduction current of the diode temprature probe.Can meet based on the requirments
Application	High precision pressure measurement of liquid/gases/ steam....

PROG-TM-D1

Ultra-Low Temperature
Measurement Instrument

