HGGAOLI

# Xiaogan Huagong Gaoli Electronics Co., Ltd.


Address：HUAGONG SCIENCE AND TECHNOLOGY PARK, NO. 1, XIAOHAN AVE., XIAOGAN，HUBEI，CHINA

Post Code：432000 Website：https://en.hgxingaoli.com/

Marketing Dept. Contact Number Phone Number：0712－2584936


## Sales Office

### Domestic Market

Home Appliance East China Key Accounts Region
Phone Number: + 8615607290065

Haier /Hisense Key Accounts Region
Phone Number:+8615571275888

GREE Key Accounts Region
Phone Number:+8618871880302

Midea Key Accounts Region
Phone Number: +8618871880308

Home Appliance South China Key Accounts Region
Phone Number: +8615607290070

Pressure Sensor Project Team
Phone Number: +8618871880301

Photovoltaic/Energy Storage
/Industrial Manufacturing Project Team
Phone Number: +8618871880303

Ultraviolet Disinfection Module
Project Team
Phone Number: +8615571275888

Automotive Shanghai Region
Phone Number: +8615607290036

Automotive Changzhou Region
Phone Number: +8615607290073

Automotive Guangzhou Region
Phone Number: +8615607290079

Automotive Shenzhen Region
Phone Number: +8615607290062

Automotive Ningbo Region
Phone Number: +8618871880307

Automotive Chongqing Region
Phone Number: +8618871880309

Automotive Liuzhou Region
Phone Number: +8615607290051

Automotive North China Region
Phone Number: +8615607290093

### Overseas Market

Japan Region
Phone Number: +8618871880316

South Korea Region
Phone Number: +8615607290097

The Europe and America Region
Phone Number: +8615607290087

*For the latest product data, the version provided by the salesperson will be the most standard.

# Ceramic capacitive Pressure sensor

PRODUCT CATALOG

https://en.hgxingaoli.com/

01

# COMPANY INTRODUCTION

## ENTERPRISE INTRODUCTION

HGGaoli Electronics Co., Ltd. was founded in 1988. With more than 30 years of expertise in sensor industry, HGGaoli has developed into a world-leading supplier of multifunctional sensors and PTC thermal management systems.

Born out of Huazhong University of Science and Technology, HGGaoli holds eight innovation platforms at both provincial and national levels, including the Engineering Research Center for Functional Ceramics of Ministry of Education and the National CNAS Laboratory. HGGaoli has won the title of "Single-product Champion Enterprise in Manufacturing Industry" and the title of "Intellectual Property Demonstration Enterprise" in China, and owns the independent core technologies of chip manufacturing and packaging.

Today, HGGaoli has built up one of the world's largest manufacturing site for multifunctional sensors and PTC heaters in Xiaogan National High-tech Zone, with more than 2000 employees and 2 subsidiaries--Wuhan HG Xin Gaoli Electronics Co., Ltd. and HGGaoli Electronics(Thailand) Co., Ltd. Meanwhile, a new overseas manufacturing base is planned to be established in Europe, and will be put into service in 2026. We currently provide services for numerous well-known enterprises across the world, spreading our business over more than 30 countries and regions including Europe and the United States, Japan and South Korea, and Southeast Asia.

## ENTERPRISE SPIRIT

Open Professional Efficient

## COMPANY QUALIFICATION

IATF 16949

ISO 9001

ISO 14001

ISO 45001

CQC-Product Certification

VDE-Product Certifification

UL-Product Certifification

TUV-Product Certifification

# Pressure Sensor Project Overview

02

- Thousand level(320㎡)/ 100K level(500㎡)purification workshop for ceramic capacitor cores, and the peak production capacity is 20 million/ year
- 100K level(600 ㎡)purification workshop for sensor assembly, peak capacity of 15 million/ year
- Industry-benchmarking sample line and full-performance special laboratory
- Industry-leading intelligent manufacturing level
- With independent core intellectual property rights, the company holds technical advantages that cannot be replicated in pressure sensors and temperature-pressure integrated sensors for commercial air conditioners

03 Typical applications

# Automobile Air Conditioning Pipe Pressure Sensor Application

## Main Parameters

- Operating Pressure: 276~3032KPaA(Range Adjustable)
- Max Pressure: 5.88MPa
- Burst Pressure: 9.8MPa
- Operating Temperature: −40~+135 ℃
- Working medium: HFC134a, PAG oil, R134A, 1234yf, HFO1234YF, R290, R32, R57, R404a
- Working Voltage: 5V ± 0.25VDC
- Output Voltage: 9.22%~92.5%VCC
- Accuracy Range: ± 2%FS, ± 1.5%(0~85 ℃), ± 1%(25 ℃)

## Product Function

- Measure refrigerant pressure of air conditioning system for ECU to achieve real−time monitoring, optimize system control strategy, reduce idling speed and save energy consumption

## Product Features

- High measurement accuracy to ensure that ECU adopts the optimal control strategy for the air conditioning system
- PWM or voltage output interface types, according to customer's choice
- Ceramic capacitive structure, fast response speed and good compatibility with measuring medium

# Automobile Air Conditioning Pipe Pressure Sensor Application

Typical applications 03

## Main Parameters

- Operating Pressure: 5~3914KPaA(Range Adjustable)
- Max Pressure: 7828Kpa
- Burst Pressure: 7828Kpa
- Operating Temperature: −40~+135 ℃
- Working Medium: HFC134a, PAG oil, R134A,1234yf, HFO1234YF, R290, R32, R57, R404a
- Working Voltage: 5V ± 0.1VDC
- Output Voltage: 11.2%~90Vs
- Accuracy Range: ± 2%FS, ± 1.5%(0~85 ℃), ± 1%(25 ℃)

## Product Function

- Measure refrigerant pressure of air conditioning system for ECU to achieve real−time monitoring, optimize system control strategy, reduce idling speed and save energy consumption

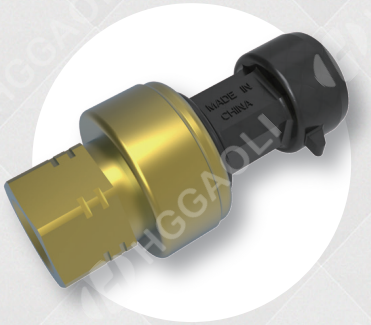
## Product Features

- High measurement accuracy to ensure that ECU adopts the optimal control strategy for the air conditioning system
- PWM or voltage output interface types, according to customer's choice
- Ceramic capacitive structure, fast response speed and good compatibility with measuring medium

03 Typical applications

# Automobile Air Conditioning Pipe Pressure Sensor Application

## Main Parameters




- Operating Pressure: 15~515PSIA(Range Adjustable)
- Max Pressure: 772.5PSIA
- Burst Pressure: 1545PSIA
- Operating Temperature: −40~+135℃
- Working Medium: HFC134a, PAG oil, R134A, 1234yf, HFO1234YF, R290, R32, R57, R404a
- Working Voltage: 5V ± 0.1VDC
- Output Voltage: 10%~90%Vcc
- Accuracy Range: ± 2%FS, ± 1.5%(0~85 ℃), ± 1%(25 ℃)

## Product Function

- Measure refrigerant pressure of air conditioning system for ECU to achieve real−time monitoring, optimize system control strategy, reduce idling speed and save energy consumption

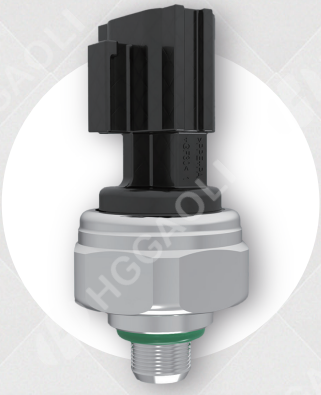
## Product Features

- High measurement accuracy to ensure that ECU adopts the optimal control strategy for the air conditioning system
- PWM or voltage output interface types, according to customer's choice
- Ceramic capacitive structure, fast response speed and good compatibility with measuring medium

# Automobile Air Conditioning Pipe Pressure Sensor Application

Typical applications 03

## Main Parameters



- Operating Pressure: 0~3.138MpaG(Range Adjustable)
- Max Pressure: 5.2MpaG
- Burst Pressure: 9.75MpaG
- Operating Temperature: −40~+135 ℃
- Working Medium: HFC134a, PAG oil, R134A, 1234yf, HFO1234YF, R290, R32, R57, R404a
- Working Voltage: 5V ± 0.1VDC
- Output Voltage: 10%~90%Vcc
- Accuracy Range: ± 2%FS, ± 1.5%(0~85 ℃), ± 1%(25 ℃)

## Product Function

- Measure refrigerant pressure of air conditioning system for ECU to achieve real−time monitoring, optimize system control strategy, reduce idling speed and save energy consumption

## Product Features

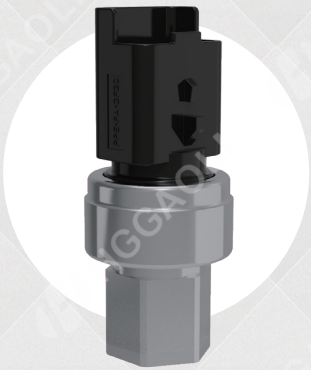
- High measurement accuracy to ensure that ECU adopts the optimal control strategy for the air conditioning system
- PWM or voltage output interface types, according to customer's choice
- Ceramic capacitive structure, fast response speed and good compatibility with measuring medium

03 Typical applications

# Automobile Air Conditioning Pipe Pressure Sensor Application

## Main Parameters

- Operating Pressure: 0~3.5MpaG(Range Adjustable)
- Max Pressure: 7MpaG
- Burst Pressure: 10.5MpaG
- Operating Temperature: −40~+135 ℃
- Working Medium: HFC134a, PAG oil, R134A, 1234yf, HFO1234YF, R290, R32, R57, R404a
- Working Voltage: 5V ± 0.1VDC
- Output Voltage: 10%~90%Vs
- Accuracy Range: ± 2%FS, ± 1.5%(0~85 ℃), ± 1%(25 ℃)



## Product Function

- Measure refrigerant pressure of air conditioning system for ECU to achieve real−time monitoring, optimize system control strategy, reduce idling speed and save energy consumption

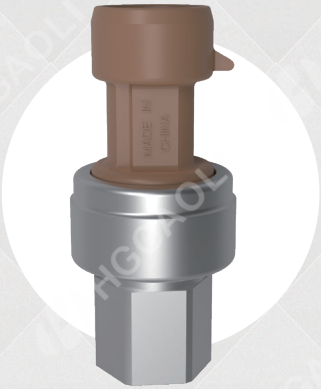
## Product Features

- High measurement accuracy to ensure that ECU adopts the optimal control strategy for the air conditioning system
- PWM or voltage output interface types, according to customer's choice
- Ceramic capacitive structure, fast response speed and good compatibility with measuring medium

# Automobile Air Conditioning Pipe Pressure Sensor Application

Typical applications 03

## Main Parameters



- Operating Pressure: 1.37~7.59barA(Range Adjustable)
- Max Pressure: 15barA
- Burst Pressure: 60barA
- Operating Temperature: −40~+135 ℃
- Working Medium: HFC134a, PAG oil, R134A, 1234yf, HFO1234YF, R290, R32, R57, R404a
- Working Voltage: 5V ± 0.1VDC
- Output Voltage: 5%~95%Vcc
- Accuracy Range: ± 2%FS, ± 1.5%(0~85 ℃), ± 1%(25 ℃)

## Product Function

- Measure refrigerant pressure of air conditioning system for ECU to achieve real−time monitoring, optimize system control strategy, reduce idling speed and save energy consumption

## Product Features

- High measurement accuracy to ensure that ECU adopts the optimal control strategy for the air conditioning system
- PWM or voltage output interface types, according to customer's choice
- Ceramic capacitive structure, fast response speed and good compatibility with measuring medium

03 Typical applications

# Temperature-pressure Integrated Sensor Application

## Main Parameters

- Operating Pressure: 0~4MPa(Range Adjustable)
- Accuracy Range: ±2%FS, ±1.5%(0~85 ℃), ±1%(25 ℃)
- Operating Temperature: −40℃~+135℃
- Protection Pressure: 2 times
- Burst Pressure: 3 times
- Working Medium: HFC134a, PAG oil, R134A, 1234yf, HFO1234YF, R290, R32, R57, R404a
- Service Life: Five million full-scale cycles
- Power Supply Voltage: 5.0±0.1vdc
- Output Voltage: 0.5~4.5vdc

## Product Function

- Measure refrigerant pressure of air conditioning system for ECU to achieve real-time monitoring, optimize system control strategy, reduce idling speed and save energy consumption

## Product Features

- High measurement accuracy to ensure that ECU adopts the optimal control strategy for the air conditioning system
- PWM or voltage output interface types, according to customer's choice
- Ceramic capacitive structure, fast response speed and good compatibility with measuring medium

# Temperature-pressure Integrated Sensor Application



## Main Parameters

- Operating Pressure: 0~4MPa(Range Adjustable)
- Accuracy Range: ±2%FS, ±1.5%(0~85 ℃), ±1%(25 ℃)
- Operating Temperature: -40℃~+135℃
- Protection Pressure: 2 times
- Burst Pressure: 3 times
- Working Medium: HFC134a, PAG oil, R134A, 1234yf, HFO1234YF, R290, R32, R57, R404a
- Service Life: Five million full-scale cycles
- Power Supply Voltage: 5.0±0.1vdc
- Output Voltage: 0.5~4.5vdc

## Product Function

- Measure refrigerant pressure of air conditioning system for ECU to achieve real-time monitoring, optimize system control strategy, reduce idling speed and save energy consumption

## Product Features

- High measurement accuracy to ensure that ECU adopts the optimal control strategy for the air conditioning system
- PWM or voltage output interface types, according to customer's choice
- Ceramic capacitive structure, fast response speed and good compatibility with measuring medium

03 Typical applications

# Temperature-pressure Integrated Sensor Application

## Main Parameters

- Operating Pressure: 0~4MPa(Range Adjustable)
- Accuracy Range: ±2%FS, ±1.5%(0~85 ℃), ±1%(25 ℃)
- Operating Temperature: −40℃~+135℃
- Protection Pressure: 2 times
- Burst Pressure: 3 times
- Working Medium: HFC134a, PAG oil, R134A, 1234yf, HFO1234YF, R290, R32, R57, R404a
- Service Life: Five million full-scale cycles
- Power Supply Voltage: 5.0±0.1vdc
- Output Voltage: 0.5~4.5vdc

## Product Function

- Measure refrigerant pressure of air conditioning system for ECU to achieve real-time monitoring, optimize system control strategy, reduce idling speed and save energy consumption

## Product Features

- High measurement accuracy to ensure that ECU adopts the optimal control strategy for the air conditioning system
- PWM or voltage output interface types, according to customer's choice
- Ceramic capacitive structure, fast response speed and good compatibility with measuring medium

# Engine Oil Pressure Sensor Application

Typical applications 03

## Main Parameters

- Operating Pressure: 50~1050KPa(Range Adjustable)
- Max Pressure: 1800KPa
- Burst Pressure: 2700KPa
- Operating Temperature: −40~+135℃
- Working Medium: Engine oil
- Working Voltage: 5V ±0.1VD
- Output Voltage: 0.5—4.6V
- Accuracy Range: ±2%FS, ±1.5%(0~85 ℃), ±1%(25 ℃)

## Product Function

- Measure the engine oil pressure and output it to ECU to display it on the oil pressure gauge
- ECU will give an alarm and take control measures to protect the engine when the oil pressure is too low

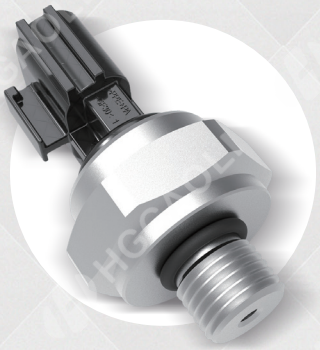
## Product Features

- High measurement accuracy, ECU can accurately measure and control the oil pressure of the engine
- Good reliability and long service life, suitable for working in harsh environment of automobile system
- Ceramic capacitive structure, good compatibility with measuring medium, reliable operation within the whole temperature range

03 Typical applications

# Gear Box Pressure Sensor Application

## Main Parameters



- Operating Pressure: 0.1~7.1MPa(Range Adjustable)
- Max Pressure: 12MPa
- Burst Pressure: 18MPa
- Operating Temperature: −40~+135℃
- Working Medium: Gear box oil
- Working Voltage: 5V ± 0.25VDC
- Output Voltage: 10%~96.16VCC
- Accuracy Range: ± 2.5%FS, ± 1.5%(0~85 ℃), ± 1%(25 ℃)
- Durability: Two million cycles at full pressure & temperature scale

## Product Function

- Measure oil pressure of gear box

## Product Features

- High measurement accuracy that allows the gear box controller to accurately measure oil pressure
- Good reliability and long service life, suitable for working in harsh environment of automobile system
- Ceramic capacitive structure, good compatibility with measuring medium, reliable operation within the whole temperature range

# Gear Box Pressure Sensor Application



## Main Parameters

- Operating Pressure: 1~10MPa(Range Adjustable)
- Max Pressure: 15MPa
- Burst Pressure: 20MPa
- Operating Temperature: −40~+135℃
- Working Medium: Gear box oil
- Working Voltage: 5V ± 0.25VDC
- Working Voltage: 0.5~4.5VDC
- Accuracy Range: ± 2.5%FS, ± 1.5%(0~85 ℃), ± 1%(25 ℃)
- Durability: Two million cycles at full pressure & temperature scale

## Product Function

- Measure oil pressure of gear box

## Product Features

- High measurement accuracy that allows the gear box controller to accurately measure oil pressure
- Good reliability and long service life, suitable for working in harsh environment of automobile system
- Ceramic capacitive structure, good compatibility with measuring medium, reliable operation within the whole temperature range

03 Typical applications

# Water Pressure Sensor Application

## Main Parameters

- Operating Pressure: 0~1MPaG(Range Adjustable)
- Max Pressure: 2MPa
- Burst pressure: 6MPa
- Operating Temperature: −40~+125℃
- Working Medium: Water/ ethylene glycol
- Working Voltage: 5V ± 0.25VDC
- Output Voltage: 0.5~4.5VDC
- Accuracy Range: ± 2.5%FS, ± 1.5%(0~85 ℃), ± 1%(25 ℃)
- Durability: Two million cycles at full pressure & temperature scale

## Product Function

- Measure water/ ethylene glycol pressure

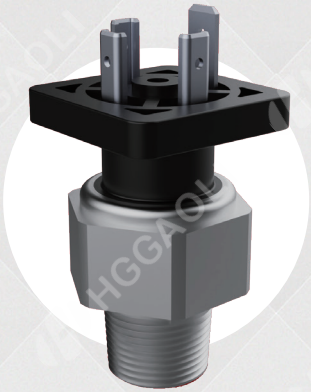
## Product Features

- High measurement accuracy for the measurement of water/ ethylene glycol pressure
- Good reliability and long service life, suitable for working in harsh environments of water pressure systems
- Ceramic capacitive structure, fast response speed and good compatibility with measuring medium , reliable operation within the whole temperature range

# Hirschmann Joint Pressure Sensor Application



## Main Parameters



- Operating Pressure: 0~25BARA(Range Adjustable)
- Max Pressure: 50bar
- Burst pressure: 75bar
- Operating temperature: −30~120℃
- Working Medium: Refrigerant/ water etc.
- Working Voltage: 24VDC
- Output Current: 4~20mA
- Accuracy Range: ±1%FS, ±0.5%(25 ℃)
- Durability: Two million cycles at full pressure & temperature scale

## Product Function

- Measure refrigerant/ water pressure

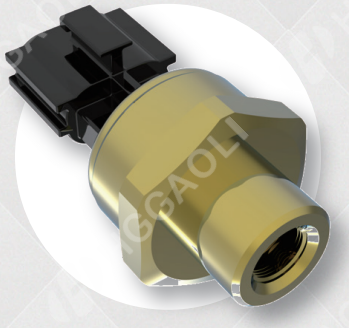
## Product Features

- High measurement accuracy for measuring the pressure of mediums such as refrigerant and water
- Good reliability and long service life, suitable for working in harsh environments
- Ceramic capacitive structure, fast response speed and good compatibility with measuring medium, reliable operation within the whole temperature range

03 Typical applications

# Commercial Air Conditioning Duct Pressure Sensor Application

## Main Parameters



- Operating Pressure: 0~4.6Mpa(Range Adjustable)
- Accuracy Range: ±2%FS, ±1.5%(0~85 ℃), ±1%(25 ℃)
- Operating Temperature: −30℃~+100℃
- Protection Pressure: 6.9Mpa
- Burst Pressure: 9.2Mpa
- Working Medium: R134A, R22, R290, R32, R401A, R404A, R407C, R410A, R448A, R507, PAG oil
- Service Life: Five million full−scale cycles
- Power Supply Voltage: 5.0±0.1VDC
- Output Voltage: 0.5~4.5VDC

## Product Function

- Measure refrigerant pressure of air conditioning system for ECU to achieve real−time monitoring, optimize system control strategy, reduce idling speed and save energy consumption

## Product Features

- High measurement accuracy
- PWM or voltage output interface types, according to customer's choice
- Ceramic capacitive structure, fast response speed and good compatibility with measuring medium

# Commercial Air Conditioning Duct Pressure Sensor Application



## Main Parameters

- Operating Pressure: 0~4.15MPaG（Range Adjustable）
- Accuracy Range: ±2%FS, ±1.5%(0~85 ℃), ±1%(25 ℃)
- Operating Temperature: -30℃~+100℃
- Protection Pressure: 8.3MpaG
- Burst Pressure: 12.45MpaG
- Working Medium: R134A, R22, R290, R32, R401A, R404A, R407C, R410A, R448A, R507, PAG oil
- Service Life: Five million full-scale cycles
- Power Supply Voltage: 5.0±0.1VDC
- Output Voltage: 0.5~4.5VDC

## Product Function

- Measure refrigerant pressure of air conditioning system for ECU to achieve real-time monitoring, optimize system control strategy, reduce idling speed and save energy consumption

## Product Features

- High measurement accuracy
- PWM or voltage output interface types, according to customer's choice
- Ceramic capacitive structure, fast response speed and good compatibility with measuring medium

03 Typical applications

# Commercial Air Conditioning Duct Pressure Sensor Application

## Main Parameters

- Operating Pressure: 0~30barG(Range Adjustable)
- Accuracy Range: ±2%FS, ±1.5%(0~85 ℃), ±1%(25 ℃)
- Operating Temperature: −30℃~+100℃
- Protection Pressure: 60barG
- Burst Pressure: 90barG
- Working Medium: R134A, R22, R290, R32, R401A, R404A, R407C, R410A, R448A, R507, PAG oil
- Service Life: Five million full−scale cycles
- Power Supply Voltage: 5.0±0.1VDC
- Output Voltage: 0.5~4.5VDC

## Product Function

- Measure refrigerant pressure of air conditioning system for ECU to achieve real−time monitoring, optimize system control strategy, reduce idling speed and save energy consumption

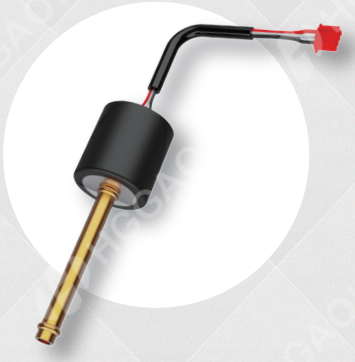
## Product Features

- High measurement accuracy
- PWM or voltage output interface types, according to customer's choice
- Ceramic capacitive structure, fast response speed and good compatibility with measuring medium

# Commercial Air Conditioning Duct Pressure Sensor Application

Typical applications 03

## Main Parameters



- Operating Pressure: 0~5MpaG(Range Adjustable)
- Accuracy Range: ±2%FS, ±1.5%(0~85 ℃), ±1%(25 ℃)
- Operating Temperature: -30℃~+85℃
- Protection Pressure: 10MpaG
- Burst Pressure: 15MpaG
- Working Medium: R134A, R22, R290, R32, R401A, R404A, R407C, R410A, R448A, R507, PAG oil
- Service Life: Five million full-scale cycles
- Power Supply Voltage: 5.0±0.1VDC
- Output Voltage: 0.5~4.5VDC
- Ingress Protection: IP69

## Product Function

- Measure refrigerant pressure of air conditioning system for ECU to achieve real-time monitoring, optimize system control strategy, reduce idling speed and save energy consumption

## Product Features

- High measurement accuracy
- PWM or voltage output interface types, according to customer's choice
- Ceramic capacitive structure, fast response speed and good compatibility with measuring medium

03 Typical applications

# Commercial Air Conditioning Duct Pressure Sensor Application

## Main Parameters

- Operating Pressure: 0~4.15MpaG(Range Adjustable)
- Accuracy Range: ±2%FS, ±1.5%(0~85 ℃), ±1%(25 ℃)
- Operating Temperature: −30℃~+85℃
- Protection Pressure: 8.3MpaG
- Burst Pressure: 12.45MpaG
- Working Medium: R134A, R22, R290, R32, R401A, R404A, R407C, R410A, R448A, R507, PAG oil
- Service Life, Five million full−scale cycles
- Power Supply Voltage: 5.0±0.1VDC
- Output Voltage: 0.5~3.5VDC
- Ingress Protection: IP69

## Product Function

- Measure refrigerant pressure of air conditioning system for ECU to achieve real−time monitoring, optimize system control strategy, reduce idling speed and save energy consumption

## Product Features

- High measurement accuracy
- PWM or voltage output interface types, according to customer's choice
- Ceramic capacitive structure, fast response speed and good compatibility with measuring medium

# Commercial Air Conditioning Duct Pressure Sensor Application



## Main Parameters

- Operating Pressure: 0~2MpaG(Range Adjustable)
- Accuracy Range: ±2%FS, ±1.5%(0~85 ℃), ±1%(25 ℃)
- Operating Temperature: -30℃~+85℃
- Protection Pressure: 4MpaG
- Burst Pressure: 6MpaG
- Working Medium: R134A, R22, R290, R32, R401A, R404A, R407C, R410A, R448A, R507, PAG oil
- Service Life: Five million full-scale cycles
- Power Supply Voltage: 5.0±0.1VDC
- Output Voltage: 0.5~3.5VDC
- Ingress Protection: IP69

## Product Function

- Measure refrigerant pressure of air conditioning system for ECU to achieve real-time monitoring, optimize system control strategy, reduce idling speed and save energy consumption

## Product Features

- High measurement accuracy
- PWM or voltage output interface types, according to customer's choice
- Ceramic capacitive structure, fast response speed and good compatibility with measuring medium

03 Typical applications

# Commercial Air Conditioning Duct Pressure Sensor Application

## Main Parameters

- Operating Pressure: 0~4.3MpaG(Range Adjustable)
- Accuracy Range: ±2%FS, ±1.5%(0~85 ℃), ±1%(25 ℃)
- Operating Temperature: −30℃~+85℃
- Protection Pressure: 8.6MpaG
- Burst Pressure: 12.9MpaG
- Working Medium: R134A, R22, R290, R32, R401A, R404A, R407C, R410A, R448A, R507, PAG oil
- Service Life: Five million full−scale cycles
- Power Supply Voltage: 5.0±0.1VDC
- Output Voltage: 0.5~3.5VDC
- Ingress Protection: IP69

## Product Function

- Measure refrigerant pressure of air conditioning system for ECU to achieve real−time monitoring, optimize system control strategy, reduce idling speed and save energy consumption

## Product Features

- High measurement accuracy
- PWM or voltage output interface types, according to customer's choice
- Ceramic capacitive structure, fast response speed and good compatibility with measuring medium

# Commercial Air Conditioning Duct Pressure Sensor Application

Typical applications 03

## Main Parameters

- Operating Pressure: 0.448~4.2MpaG(Range Adjustable)
- Accuracy Range: ±2%FS, ±1.5%(0~85 ℃), ±1%(25 ℃)
- Operating Temperature: −30℃~+85℃
- Protection Pressure: 8.4MpaG
- Burst Pressure: 12.6MpaG
- Working Medium: R134A, R22, R290, R32, R401A, R404A, R407C, R410A, R448A, R507, PAG oil
- Service Life: Five million full−scale cycles
- Power Supply Voltage: 5.0±0.1VDC
- Outout Voltage: 0.5~4.5VDC
- Ingress Protection: IP69

## Product Function

- Measure refrigerant pressure of air conditioning system for ECU to achieve real−time monitoring, optimize system control strategy, reduce idling speed and save energy consumption

## Product Features

- High measurement accuracy
- PWM or voltage output interface types, according to customer's choice
- Ceramic capacitive structure, fast response speed and good compatibility with measuring medium