

Trusted IoT interface service provider

ASK MEOKON

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 **MEOKON**



Digital Pressure Gauge

Digital Pressure Switch

Pressure Transmitter

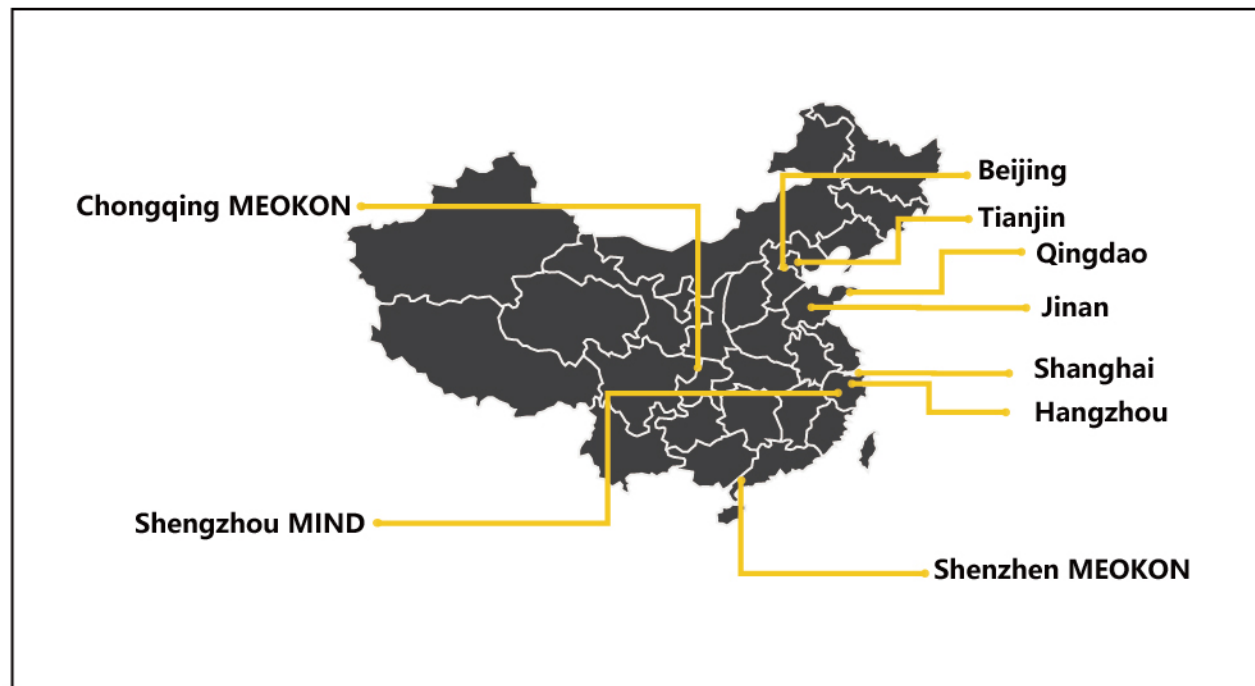
Monitoring System

COMPANY PROFILE

Meokon Sensor Technology (Shanghai)Co., Ltd. is a high-tech enterprise, which located in Baihe Industrial Park, Qingpu District, Shanghai. MEOKON is mainly engaged in the R&D and production of intelligent instrument & pressure measurement control solutions.

Meokon has always insisted on independent R&D and innovation, mastered independent intellectual property rights, and actively explored industrial applications of sensor technology Since its establishment in 2013, . It has more than 30 national invention patents and utility model patents in digital pressure gauges, pressure sensors, intelligent pressure controllers, wireless sensors, and pressure measurement and control systems. Many series of products have passed CE certification, CPA certification, Ex explosion-proof certification and other authoritative certifications.

With the continuous efforts of Meokon people, we have produced more than 400,000 wireless digital pressure gauges and pressure switch controllers per year (by 2020). We are an interface service provider based on smart sensors. At present, we have formed a dealer network in China and have many agents in Beijing, Tianjin, Shanghai, Hangzhou, Shaoxing, and other cities. At the same time, Meokon is also actively exploring overseas markets. Products are exported to the United States, Germany, Portugal, Spain, Saudi Arabia, Poland, South Korea, Southeast Asia and other countries and regions.



OUR SERVICES

Master the core technology

MEOKON has insisted on independent research and development for many years, and has been engaged in the cutting-edge application and development of sensor-based instrumentation. We have more than 40 national invention patents and utility model patents in sensors, controllers, measurement and control systems, and wireless transmission technology.

Industrial Application

MEOKON pays attention to product development, and makes it more suitable for customers' industry characteristics by designing the best fit for product appearance, embedded software, sensors, digital communications and other aspects. Through our products and services, it is our corporate purpose to support the intelligent upgrade of our customers' products and solve the technical problems faced by our customers.

Continuous Innovation

MEOKON is a R&D smart sensor company. Innovative R&D is the "rudder" of our company and determines the height and direction of our company, while high-quality quality is our "engine", which determines the height and direction of our company. , And high-quality is the "engine" of our company, which determines our speed and endurance. Only by attaching great importance to innovation and quality, can we continue to input power for the entire enterprise.

Faster, More stable, Higher Quality

- ◆ The development cycle is generally only 1/2 of similar foreign companies
- ◆ The product price is generally only 1/3 of similar foreign companies
- ◆ But it can provide complete technical services and complete test solutions faster



MD SERIES

Pressure Series



The highest accuracy is 0.05%FS, a variety of shell technology, ultra-low power consumption design, a variety of installation methods.....

MD-S2 SERIES DIGITAL PRESSURE GAUGE

PRODUCT DESCRIPTION

MD-S2 series intelligent digital pressure gauges are low power consumption and high precision, powered by dry battery.

The product adopts 304 stainless steel shell and connection, built-in high-precision pressure sensor, Equipped with large-size LCD display, It has the characteristics of high precision, sturdiness and durability, and strong media compatibility. It can measure gas, liquid, oil and other non-corrosive media to stainless steel.

This series of products have various functions such as resetting, backlighting, switching on and off, unit switching, low voltage alarm, etc. Some products have peak recording function, RS485 transmission function. This series of products have passed CE certification and intrinsically safe explosion-proof certification







TECHNICAL CHARACTERISTICS

- ✓ Multiple accuracy options, 1.0/0.4/ 0.2/ 0.1/ 0.05 level optional
- ✓ Multiple connection options, M20*1.5/ G1/4/ NPT1/4 etc. optional
- ✓ Multiple dial sizes, 60/80/100/105 multiple dial sizes are available
- ✓ Ultra-low power consumption design, dry battery power supply, easy to replace, all series are equipped with shockproof protective cover
- ✓ Unit switch, backlight, clear, peak record, RS485, adjustable sampling rate and other functions

APPLICATIONS

- ◇ Instrumentation matching
- ◇ Laboratory supporting
- ◇ Medical equipment
- ◇ Testing Equipment
- ◇ Replace analog pressure gauge

PRODUCT SHOW

<p>Φ105mm 0.1 0.05%FS Multi-screen display Portable plastic case temperature display RS485, Peak record</p> 	<p>Φ100mm 0.4 0.2 0.1%FS 5 digits LCD display Peak record Battery/power supply</p> 	<p>0.2%FS Large LCD screen Unit switch Gauge head can be rotated 330 Bluetooth connection, APP collection</p> 
MD-S210 (105mm Dial)	MD-S200 (100mm Dial)	MD-S281
<p>Φ80mm 0.4 0.2%FS 4 digits LCD display Peak record Powered by two AAA batteries</p> 	<p>Φ80mm 0.4%FS 0.2%FS With data software Regular collection and storage of pressure values Connect to computer, USB data export</p> 	<p>Φ60mm 1.0%FS 4 digits LCD display Powered by two AAA batteries</p> 
MD-S280 (80mm Dial)	MD-S280C (80mm Dial)	MD-S260 (60mm Dial)

* This series of products can be equipped with shockproof protective cover

FEATURED PRODUCTS



Digital pressure gauge with flush type

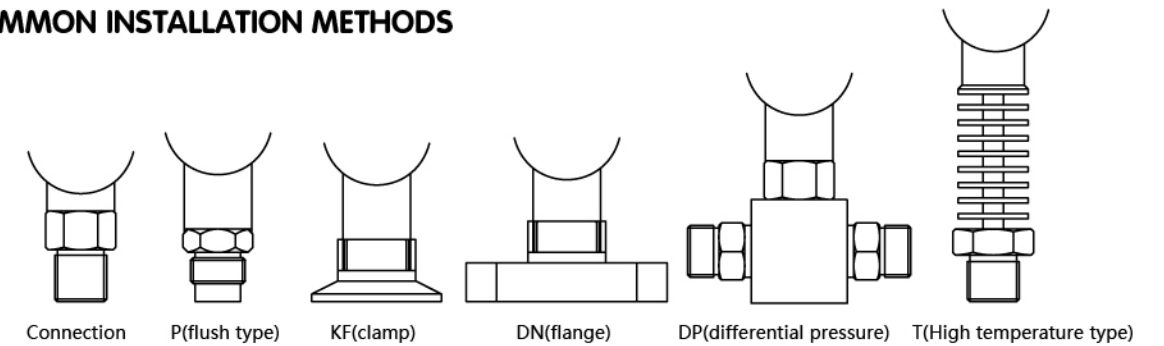


Digital pressure gauge (clamp type)



Differential digital pressure gauge

COMMON INSTALLATION METHODS



SELECTION GUIDE

MD-S280 P-60M-1-P2-R-M20-T0-I

Model:

S210(105mm)
S200(100mm)
S280(80mm)
S280C(80mm)
S260(60mm)
S281

Feature:

X(Connection)
P(Flush type)
DP(Differential pressure)
KF(Clamp) DN(Flange)

Range:

X k (0-X kPa)
X b (0-X bar)
X M(0-X MPa)

Accuracy:

1(0.4%) 2(0.2%) 3(0.1%) 6(1.0%)
5(0.05%) *Description1

Description:

- *1. S210: 0.1/0.05%FS, S200: 0.4/0.2/0.1%FS, S280: 0.2/0.4%FS, S260: 0.1%FS.
*2. Provide battery-powered products by default, please consult our sales engineers for powerer supply products for confirmation.
*3. There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

Addition:

L(Display)
I(Intrinsically safe explosion-proof)

Medium temperature:

T0(-5~40°C)
T9(Customized)

Screw thread:

M20(M20*1.5) G14(G1/4)
G12(G1/2) N12(NPT1/2)
N14(NPT1/4) M9(Customized)

Output signal:

0(No output)
R(RS485)

Power supply:

P0(3V) P2(24V) *Description 2

MD-S281 DIGITAL PRESSURE GAUGE

PRODUCT DESCRIPTION

MD-S281 is a digital pressure gauge with a built-in high-precision pressure sensor, which can accurately display the pressure in real time, and has the characteristics of high precision and good long-term stability.

This digital pressure gauge is equipped with a large-size LCD liquid crystal display, which has multiple functions such as zero reset, backlight, power on and off, unit switching, low voltage alarm, etc. It is easy to operate and install. The dial orientation can be rotated 330°, which is convenient for customers to read from the desired angle. The equipment product adopts the whole casing to be covered with rubber, which has good shock resistance and can measure gas, liquid, oil and other media that are not corrosive to stainless steel. This series of products supports Bluetooth applets and APP configuration parameters, including: pressure value display, acquisition rate modification, reset operation and other settings.

MD-S281 digital pressure gauge is suitable for portable pressure measurement, equipment matching, calibration equipment and other pressure measurement fields.

TECHNICAL CHARACTERISTICS

- ✓ The dial can be rotated 330°
- ✓ Large LCD screen, support multiple unit switching
- ✓ Support reset, backlight, Bluetooth connection, APP collection and other functions
- ✓ Low power consumption design, 2 AA batteries, 12 months of battery life
- ✓ Beautiful appearance, the whole shell is covered with rubber, with delicate feel

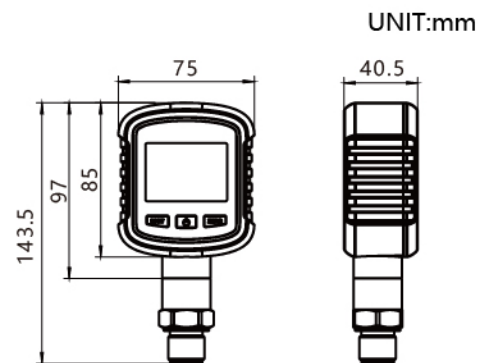
PRODUCT PICTURES



APPLICATIONS

- ◇ Machinery and electronic industry
- ◇ Supporting equipments of instruments
- ◇ Pressure laboratory
- ◇ Mechanical engineering automation

DIMENSION DIAGRAM



SELECTION GUIDE

MD - S281 - 1M - 1 - P0 - M20 - T2 - BT

Model:

S281(digital pressure gauge)

Range:

X k (0-X kPa)
X b(0-X bar)
X M(0-XMPa)
X PSI(0-XPSI)
X Pa(0-X Pa)

Accuracy:

1 (0.4%FS) 2 (0.2%FS)

Description: There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

Addition:

BT (Bluetooth)

Medium temperature:

T2 (-20~65°C)

Connection:

M20(M20*1.5) G14(G1/4)
G12(G1/2) N12(NPT1/2)
N14(NPT1/4) ZG14(ZG1/4)
M9(customized)

Power supply:

P0 (battery)

MD-S230 EX DIGITAL PRESSURE GAUGE

PRODUCT DESCRIPTION

This series gauge is a digital pressure gauge with IP67 protection level and EX certification. It has built-in high-precision pressure sensor and ultra-low power consumption circuit, combined with all-laser welding technology and ultra-low power consumption circuit processing technology, making it an intelligent type with high precision, good shock resistance, high protection level and long battery life.

The digital pressure gauge is equipped with LCD liquid crystal display, which has various functions such as zero reset, backlight, switch machine, unit switch, etc. It is simple to operate and easy to install.

The shell adopts 316L stainless steel shell and joints and full laser welding technology, which can be used in food, sewage, seawater and other working conditions that have high material tolerance requirements.

TECHNICAL CHARACTERISTICS

- ✓ IP67 rate, Ex certified
- ✓ 316L shell, strong media compatibility
- ✓ Adopt large-size LCD screen, beautiful and exquisite
- ✓ A variety of auxiliary functions: unit switch, zero reset, pressure percentage, etc
- ✓ Ultra-low power consumption design, battery life of more than 18 months

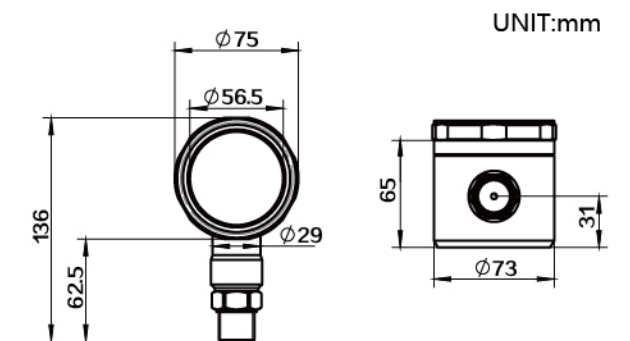
APPLICATIONS

- ◇ Food machinery
- ◇ Sewage treatment
- ◇ Petrochemical
- ◇ Drilling platform

PRODUCT PICTURES



DIMENSION DIAGRAM



SELECTION GUIDE

MD - S230 - P - 1M - 1 - P0 - M20 - T2 - I

Model:

S230(digital pressure gauge)

Structure feature:

None(standard)
P(flush) DP(differential)
KF(clamp) DN(flange)

Range:

X k (0-X kPa) X b(0-X bar)
X M(0-XMPa)

Accuracy:

6(1%FS) 1(0.4%FS)

Description: There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

Addition:

I(Intrinsically safe explosion-proof)

Medium temperature:

T2 (-20~65°C)

Connection:

M20(M20*1.5) G14(G1/4)
G12(G1/2) N12(NPT1/2)
N14(NPT1/4) ZG14(ZG1/4)
M9(customized)

Power supply:

P0 (battery)

MD-S211 DIGITAL PRESSURE GAUGE

PRODUCT DESCRIPTION

This model is a high precision pressure gauge that can rotate 330°. It adopts the split-screen display of the main screen and the secondary screen. While displaying real-time pressure, it can simultaneously display the ambient temperature, maximum pressure, and minimum pressure and other reference data.

The product has powerful functions, a variety of pressure units are available, the pressure acquisition rate is adjustable, and the battery level is displayed. The product supports USB external power supply and battery dual power supply mode.

This product is powered by three AAA batteries, with ultra-low power consumption design, the maximum battery life is more than 1 year.

TECHNICAL CHARACTERISTICS

- ✓ Original imported pressure sensor, accuracy 0.05%, 0.1%, 0.5% optional
- ✓ Dial can be rotated 330° degree
- ✓ 15 pressure units available
- ✓ Low power consumption design, powered by 3 AAA batteries, can last up to 1 year
- ✓ Bluetooth function which can set various parameters and export recorded data

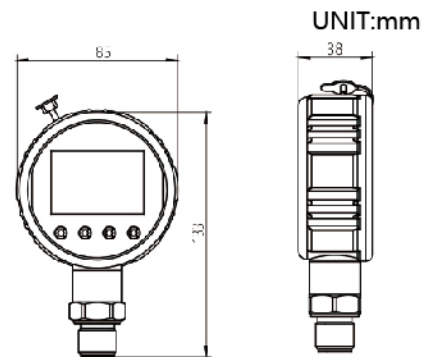
APPLICATIONS

- ◇ Machinery and electronics industry
- ◇ Instrumentation supporting
- ◇ Pressure laboratory
- ◇ Construction machinery automation

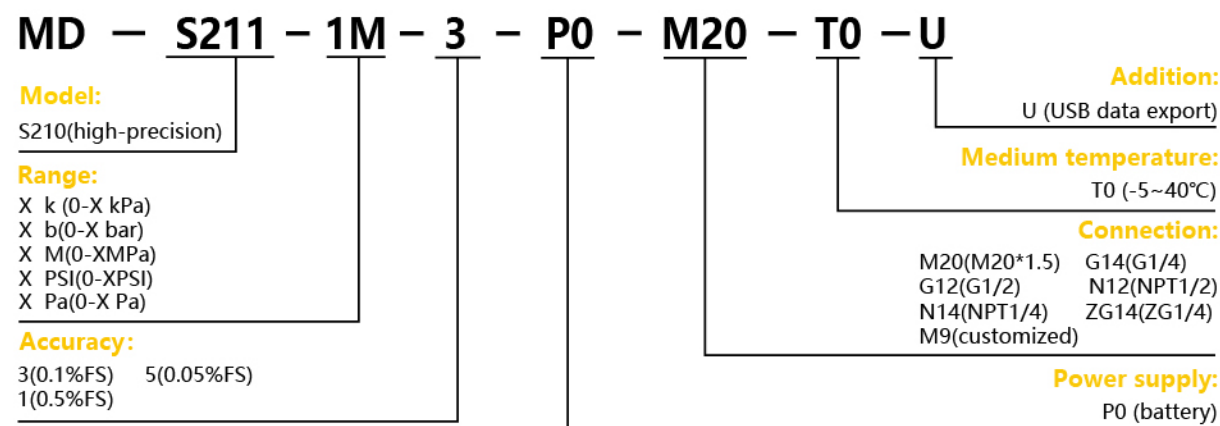
PRODUCT PICTURES



DIMENSION DIAGRAM



SELECTION GUIDE



Description: There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

MD-S540 DIGITAL REMOTE PRESSURE GAUGE

PRODUCT DESCRIPTION

MD-S540 series digital remote pressure gauges use RS485 remote transmission signals. This series of remote pressure gauges uses three-digit display to display the pressure value in real time. At the same time, the pressure signal can be transmitted remotely, and the transmission distance is better than 500 meters.

This series of digital remote pressure gauges has a built-in pressure sensor with excellent accuracy. It adopts 304 stainless steel shell and joints, excellent workmanship, high cost performance, and has a very wide range of media applicability. The IP54 protection level of the whole machine, the watch body supports 270° rotation angle, and the dial orientation can be adjusted at any time.

This product can be used to replace the traditional pointer remote pressure gauge or pressure transmitter.

TECHNICAL CHARACTERISTICS

- ✓ 270° rotating watch body
- ✓ Three digits display pressure
- ✓ RS485 remote transmission signal
- ✓ Good product stability, anti-electromagnetic interference design, Error zero clearing function
- ✓ Wide temperature range, suitable for most media

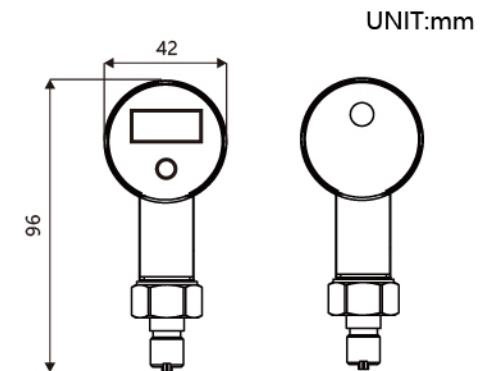
APPLICATIONS

- ◇ Gas fire extinguishing tank monitoring

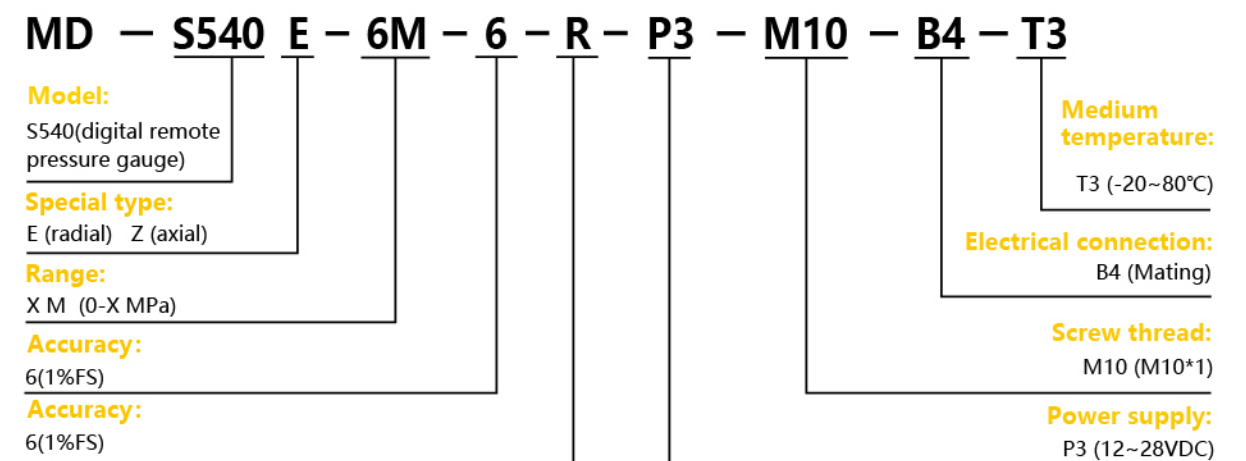
PRODUCT PICTURES



DIMENSION DIAGRAM



SELECTION GUIDE



Description: There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

MD-S SERIES DIGITAL REMOTE PRESSURE GAUGE

PRODUCT DESCRIPTION

MD-S560 series digital remote transmission pressure gauge can choose 4 remote transmission signals, or RS485 signal output based on standard MODBUS RTU communication protocol.

This series of remote transmission gauge adopts 4 digits LCD to display pressure in real time. At the same time, the pressure signal can be transmitted remotely, and the output distance is better than 1000 meters.

This series of digital remote pressure gauges have a built-in imported MCU processor with powerful functions. Users can change the pressure unit by themselves, calibrate the error and correct the filter constant, etc.

The RS485 output type also has multiple functions such as address setting, baud rate selection, etc. The series adopts 304 stainless steel shell and connection, and the waterproof cable outlet has a IP65 rate. It has a very wide range of media applicability and is especially suitable for replacing traditional pointers. Remote pressure gauge or pressure transmitter with display.

This series of products have passed CE certification and explosion-proof certification.




TECHNICAL CHARACTERISTICS

- ✓ 4-20mA or RS485 output optional
- ✓ Long transmission distance, strong product anti-interference performance, good long-term stability
- ✓ -0.1~0...0.01...0.1...1.6...10...100...200mpa full range optional
- ✓ Optional LED/LCD display, unit switching, clearing, filtering and other auxiliary functions
- ✓ Baud rate 2400/4800/9600/38400/57600 can be set (RS485 output)

APPLICATIONS

- ◇ Automated production line
- ◇ Frequency conversion water supply
- ◇ Heating system
- ◇ Hydraulic and pneumatic system
- ◇ Replace traditional remote pressure gauge

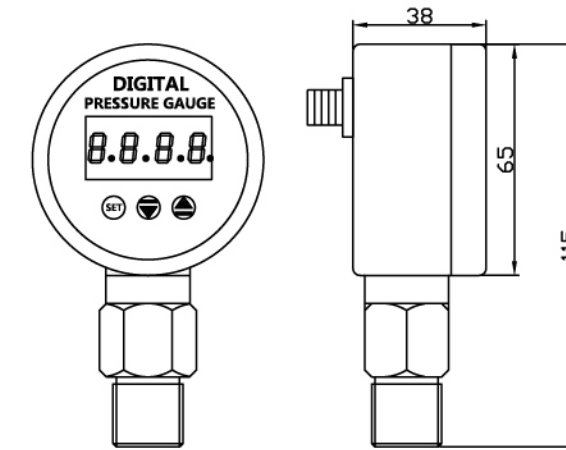
PRODUCTS SHOW

<p>Φ60mm LCD Display 0.5/ 0.25%</p> 	<p>Φ60mm LED Display 0.5/ 0.25%</p> 	<p>Φ60mm LCD Display 0.5/ 0.25%</p> 
MD-S560A (4-20mA)	MD-S560A (4-20mA)	MD-S560R (RS485)

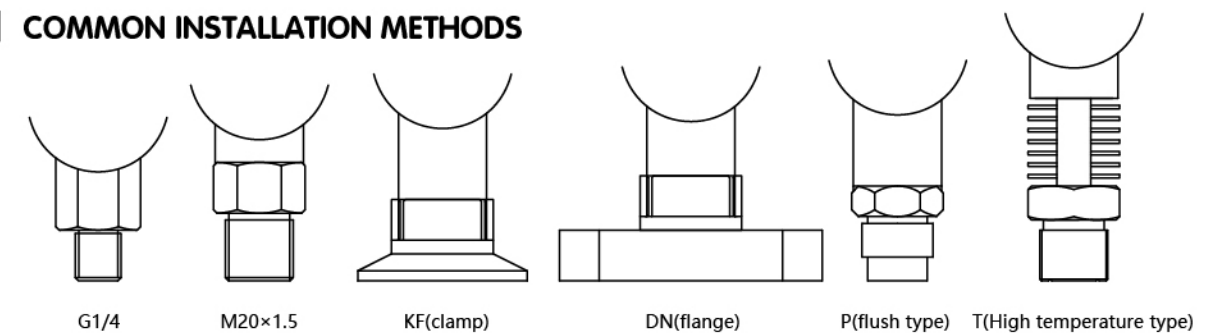
PRODUCT DIMENSION

UNIT:mm

Stainless steel round case(60mm)



COMMON INSTALLATION METHODS



SELECTION GUIDE

MD-S560 KF-4M-1-A-P2-M20-C-T1-L

<p>Model: S560A(4-20mA) S560R(RS485)</p> <p>Feature: X(Connection) P(Flush type) DP(Differential pressure) KF(Clamp) DN(Flange))</p> <p>Range: X k (0-X kPa) X b (0-X bar) X M(0-X MPa)</p> <p>Accuracy: 1(0.5%) 2(0.25%)</p> <p>Output signal: A(4-20mA) R(RS485)</p>	<p>Medium temperature: T1(-40~80°C) T9(Customized)</p> <p>Outlet line: B(Straight out) C(Aviation plug)</p> <p>Screw thread: M20(M20*1.5) G14(G1/4) G12(G1/2) N12(NPT1/2) N14(NPT1/4) M9(Customized)</p> <p>Power supply: P2(24V)</p>	<p>Addition: L(LCD Display) LE(LED Display)</p>
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Description: There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

MD-S220 SERIES DIFFERENTIAL PRESSURE GAUGE

PRODUCT DESCRIPTION

The MD-S220 series digital differential pressure gauge adopts the original imported differential pressure sensor as the pressure sensor element, With ultra-low power consumption digital conditioning circuit, which make it have high precision, Long-term stability and other characteristics, Same installation method as mechanical differential pressure gauge, it is convenient for on-site installation and debugging by engineers.

This series of differential pressure gauge can be used for the measurement and control of high-precision differential pressure in clean rooms, operating rooms, clean rooms, ventilation systems, fan testing, etc.

TECHNICAL CHARACTERISTICS

- ✓ The original imported micro-differential pressure sensor has high accuracy and good stability
- ✓ Multiple pressure unit switching
- ✓ Can set high pressure and low pressure alarm, sound and light alarm
- ✓ Multiple functions: clear, peak record, sound and light alarm
- ✓ Powered by 2 AA batteries, lasting more than 12 months

APPLICATIONS

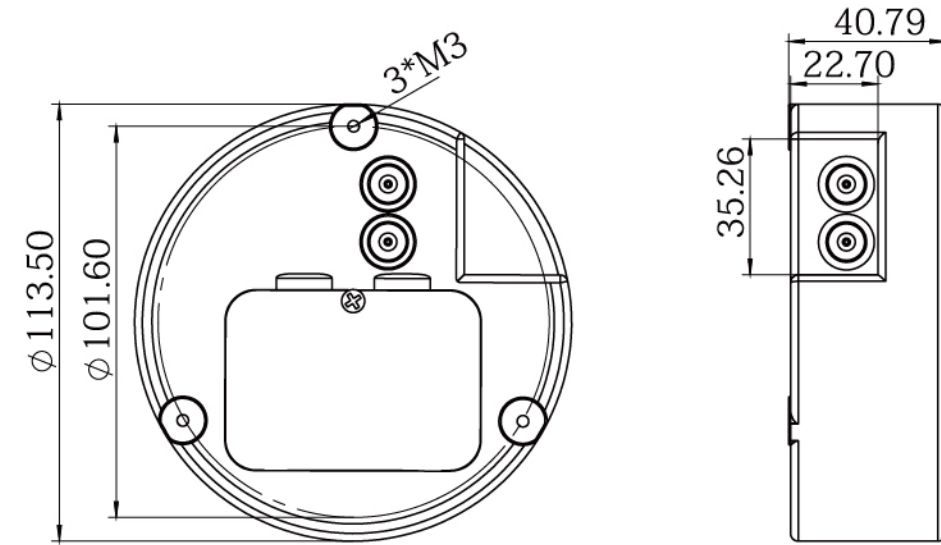
- ◇ Pharmaceutical factory, clean room
- ◇ Ward and operating room
- ◇ Ventilation system, clean bench
- ◇ Fan test
- ◇ Air conditioning filter system

PRODUCT PICTURES

		
Large LCD display	Support side and back connection	Hand-tightened screws, easy to disassemble
		
Mounting brackets	Surface mounting bracket	Fixed bracket

DIMENSION DIAGRAM

UNIT:mm



SELECTION GUIDE

MD — S220 — 30Pa — 1 — P0 — A — T0 — B — L

Model:

S220(digital pressure gauge)
S220A(4-20mA)

Range:

X Pa (-X~X Pa)
X k (-X~X kPa)
X P(0~X PSI)

Accuracy:

1(0.5%FS) 6(1%FS) 7(2%FS)

Power supply:

P0(3V) P2(24V)

Addition:

L(Display)

Shell color:

B(Black) W(White)

Medium temperature:

T0(-5~40°C)

Output signal:

0(no output)
A(current mode)

Description: There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

MD-S221 SERIES DIFFERENTIAL PRESSURE TRANSMITTER

PRODUCT DESCRIPTION

The digital differential pressure transmitter adopts the original imported differential pressure sensor as the pressure sensing element, which has the characteristics of high accuracy and good long-term stability.

Users can choose 4-20mA current output or RS485 Modbus RTU output according to their requirements.

The product adopts wall-mounted installation, which is suitable for ventilation system, fire prevention and smoke exhaust system, fan detection, air conditioning filter system and other fields that require slight differential pressure detection.

TECHNICAL CHARACTERISTICS

- ✓ 4 digits LED displays pressure in real time
- ✓ 4~20mA/RS485 output
- ✓ Unit switch, reset function etc
- ✓ Support address, baud rate, filter constant, display digit setting
- ✓ Product anti-electromagnetic interference design, stable and reliable data

APPLICATIONS

- ◇ Smoke prevention system, clean room
- ◇ Ward and operating room
- ◇ Ventilation system, clean bench
- ◇ Fan test
- ◇ Air conditioning filter system

PRODUCT DIAGRAM



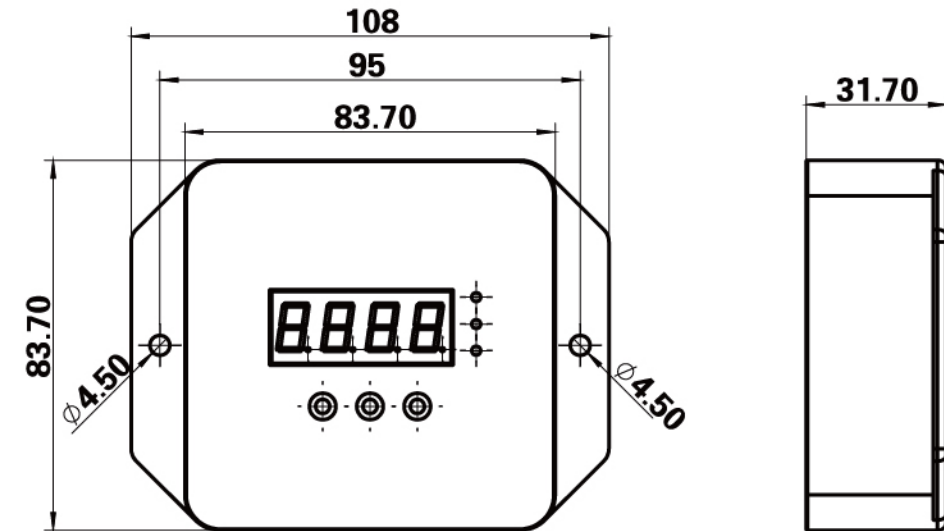
MD-S221R
Digital differential pressure transmitter



MD-S221A
Digital differential pressure transmitter

DIMENSION DIAGRAM

UNIT:mm



SELECTION GUIDE

MD - S221 - (-30~30)Pa - 6 - P2 - R - L

Model:

S221A(4-20mA)
S221R(RS485)

Range:

X Pa (-X~X Pa)
X k (-X~X kPa)

Accuracy:

6(1%FS) 7(2%FS)
1(0.5%FS)

Addition:
L(Display)

Output signal:
A(4-20mA)
R(RS485)

Power supply:
P2(12~28V)

Description: There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

MD-S SERIES DIGITAL PRESSURE CONTROLLER

PRODUCT DESCRIPTION

MD-S series digital display pressure controller is a combination of pressure measurement, display and control, which can only control instruments, this series has the characteristics of simple operation, high control precision, and the control range can be adjusted as request.

The series includes S600E/Z, S800E/Z, S900E/Z etc modelos, Shell size includes 60/80/100mm, There are two installation methods: axial and radial, Users can choose the appropriate size and installation method according to their requirements.

This series of intelligent controllers are powerful, with delay control, reverse control, pressure unit switching, error clearing, password protection and other functions, It is a true smart gauge.

The shell and connection are made of 304 stainless steel, It has the characteristics of good shock resistance, long life, impact pressure resistance, etc, which is especially suitable for hydraulic presses, high-pressure air compressors, high-pressure cleaners and various automatic control machinery.

TECHNICAL CHARACTERISTICS

- ✓ 304 stainless steel shell, 4 digits LED display, easy to read
- ✓ 60/80/100mm dial optional, axial and radial optional
- ✓ Multiple functions: delay control, reverse control, leakage protection, password protection, etc.
- ✓ Multiple unit switching:MPa kgf/cm² PSI(or kPa kgf/ cm² PSI)
- ✓ -0.1~0...0.01...0.1...1.6...10...100MPa full range coverage

RADIAL INSTALLATION



MD-S900E (100mm Dial)



MD-S800E (80mm Dial)



MD-S600E (60mm Dial)

AXIAL INSTALLATION



MD-S900Z (100mm Dial)



MD-S800Z (75mm Dial)



MD-S600Z (60mm Dial)

APPLICATIONS

- ◇ Hydraulic machinery
- ◇ Automated production line
- ◇ Air compressor, air pump, vacuum pump
- ◇ Thermal industry
- ◇ Replace mechanical pressure switch

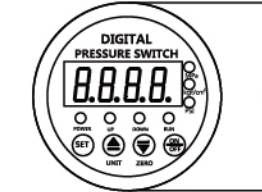
PANEL DIAGRAM

UNIT:mm

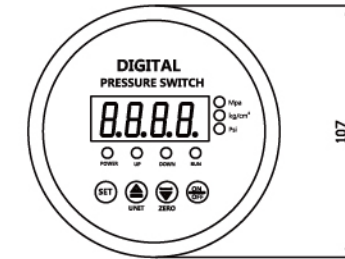
RADIAL



S600E

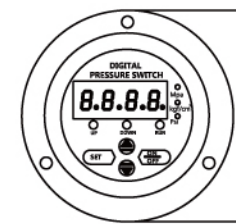


S800E

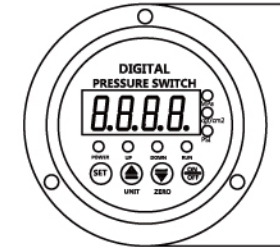


S900E

AXIAL



S600Z

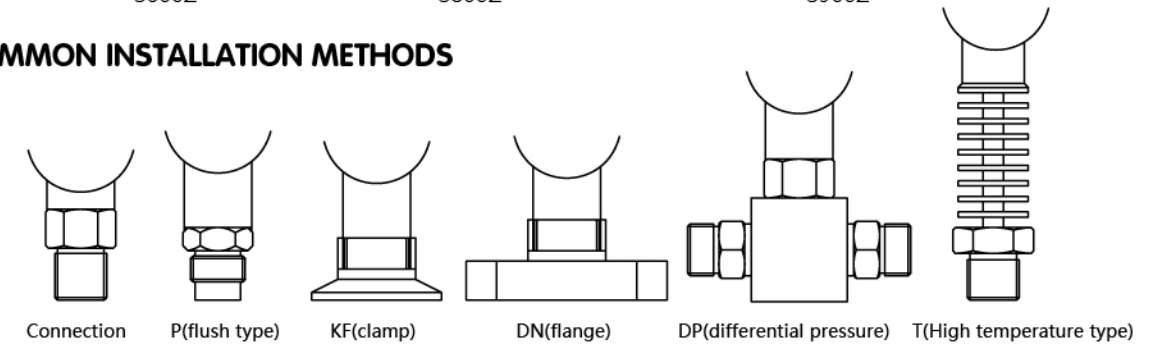


S800Z



S900Z

COMMON INSTALLATION METHODS



SELECTION GUIDE

MD - S600 E P - 40M - 1 - P4 - M20 - D - T1 - L

<p>Model: S900(100mm) S800(80mm) S600(60mm)</p> <p>Installation mode: E(Radial Installation) Z(Axial Installation)</p> <p>Feature: X(Connection) P(Flush type) DP(Differential pressure) KF(Clamp) DN(Flange)</p> <p>Range: X k (0-X kPa) X b (0-X bar) X M(0-X MPa)</p> <p>Accuracy: 1(0.5%)</p>	<p>Addition: L(Display)</p> <p>Medium temperature: T1(-40~80°C) T9(Customized)</p> <p>Outlet line: B(Straight out) D(Mating plug)</p> <p>Screw thread: M20(M20*1.5) G14(G1/4) G12(G1/2) N12(NPT1/2) N14(NPT1/4) M9(Customized)</p> <p>Power supply: P2(24V) P4(220V) P5(380V) P6(12V)</p>
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Description: There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

MD-S SERIES

DIGITAL ELECTRIC-CONTACT PRESSURE SWITCH

PRODUCT DESCRIPTION

MD-S series digital display electric contact pressure gauge is a digital display pressure control gauge developed to replace mechanical electric contact pressure gauges, it adopts a high-precision pressure sensor as a pressure-sensitive element, and has no mechanical spring structure, so it has good shock resistance and strong impact resistance.

It is particularly suitable to replace mechanical electric contact pressure gauges, apply for working conditions with frequent pressure shocks and strong vibrations

The digital display electric contact pressure gauge has a built-in intelligent MCU chip, which has fast response speed, arbitrarily adjustable action pressure point, convenient setting, and has multiple functions such as one-key resetting and pressure unit switching.

TECHNICAL CHARACTERISTICS

- ✓ Impact resistance, vibration resistance, long life, especially suitable for hydraulic presses, fatigue machines and other equipment
- ✓ 60/80/100mm dial optional, axial and radial optional
- ✓ The connection method is consistent with the traditional mechanical electric contact pressure gauge, which is easy to use
- ✓ Multiple unit switching: MPa kgf/cm² PSI (or kPa kgf/cm² PSI)
- ✓ -0.1~0...0.01...0.1...1.6...10...100...200mpa full range coverage

APPLICATIONS

- ◇ Hydraulic machinery hydraulic station
- ◇ Supporting high pressure booster equipment
- ◇ Automated production line
- ◇ Cleaning equipment
- ◇ Replace mechanical electric contact pressure gauge

RADIAL INSTALLATION



MD-S925E (100mm Dial)



MD-S825E (80mm Dial)



MD-S625E (60mm Dial)

SPECIAL STRUCTURE



MD-S925EM (100mm Dial)



Axial Installation (100/75/60mm Dial)



Clamp (KF16/25/50)



High temperature type

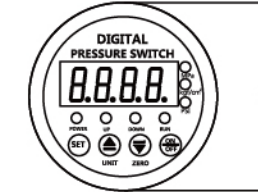
PANEL DIAGRAM

UNIT:mm

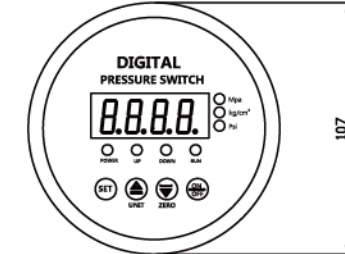
RADIAL



S625E

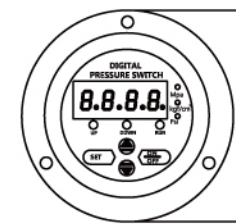


S825E

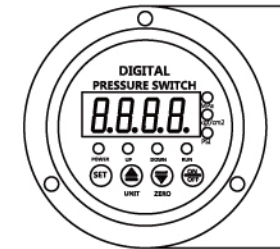


S925E

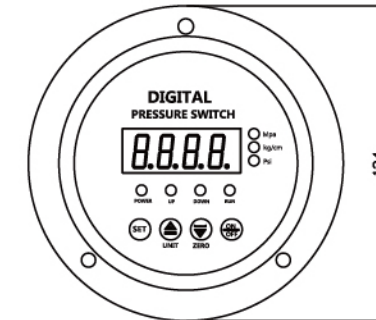
AXIAL



S625Z

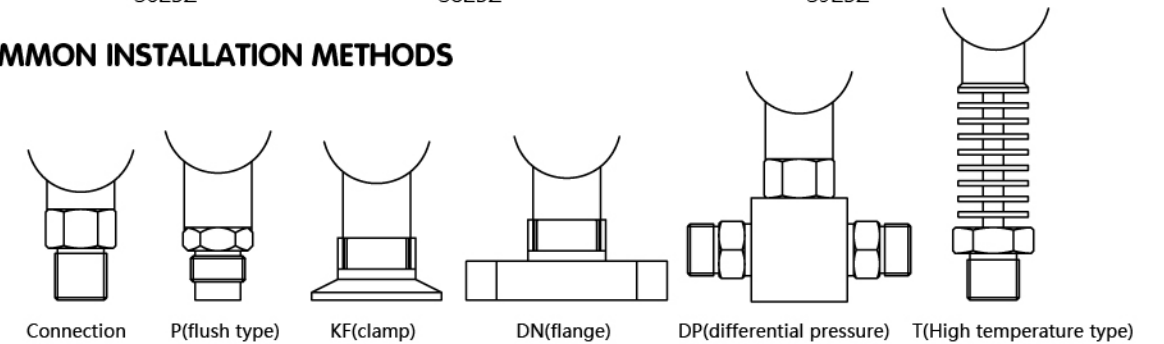


S825Z



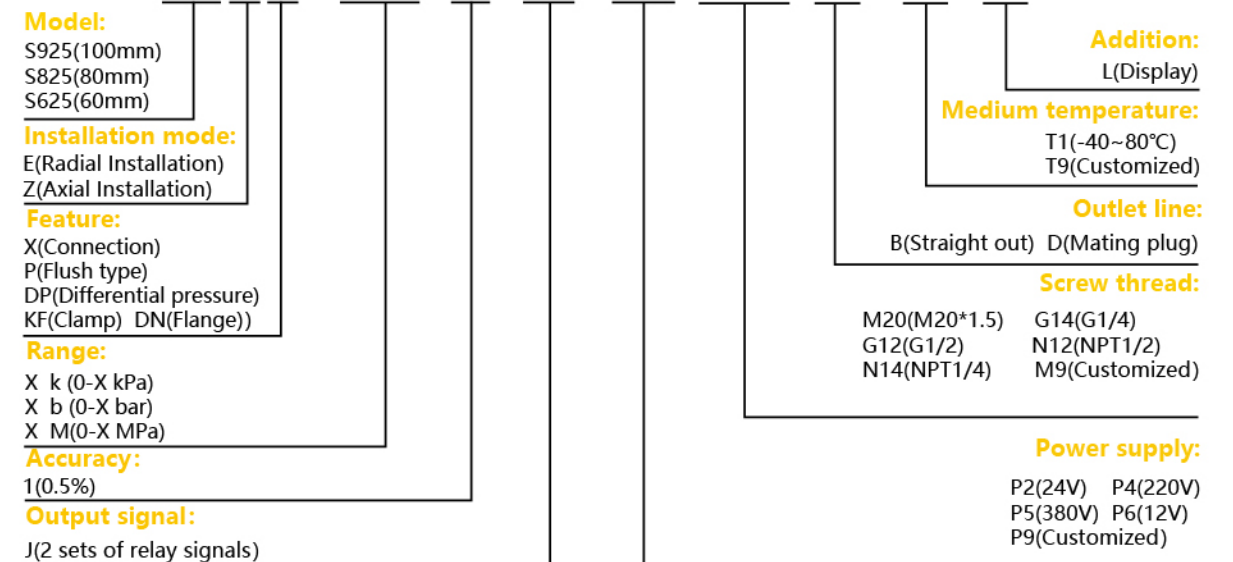
S925Z

COMMON INSTALLATION METHODS



SELECTION GUIDE

MD-S625 E P-16M-1-J-P2-M20-D-T1-L



Description: There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

MD-S SERIES DIGITAL PRESSURE SWITCH

PRODUCT DESCRIPTION

MD-S series digital pressure switch has 2 groups of independent relay outputs, each group of output has a normally open normally closed signal, and the return difference can be set independently.

This series of products adopts 304 stainless steel shell and connection, built-in high-precision pressure sensor, large-size bright four-digit LED display, some models have 4-20mA/RS485 output.

This series of pressure switches also have multiple functions such as one-key resetting, three unit switching, independent hysteresis setting, etc.

The design of the circuit pays attention to stability and fully takes into account the actual situation of the automation site. It has anti-dry magnetic interference, anti-surge protection, anti-reverse protection, etc.

The product adopts a compact all-stainless steel shell, which is resistant to vibration, frequent impact, beautiful appearance, sturdy and durable.

TECHNICAL CHARACTERISTICS

- ✓ Two groups of relay signal output, each group independent normally open normally closed signals
- ✓ 60/80/100mm dial optional, axial and radial optional
- ✓ Power supply 12v /24V/110V/220/380V optional
- ✓ Some models have 4-20mA/RS485 remote signal optional
- ✓ -0.1~0...0.01...0.1...1.6...10...100...200MPa full range coverage

RADIAL INSTALLATION



MD-S928E (100mm Dial)



MD-S828E (80mm Dial)



MD-S628E (60mm Dial)

AXIAL INSTALLATION



Axial Installation (100/75/60mm Dial)



Differential pressure type

APPLICATIONS

- ◇ Automated production line
- ◇ Pressure vessel
- ◇ Construction machinery
- ◇ Hydraulic and pneumatic system
- ◇ Replace mechanical pressure switch

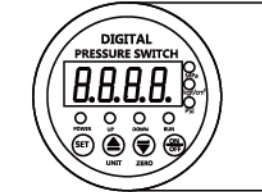
PANEL DIAGRAM

UNIT:mm

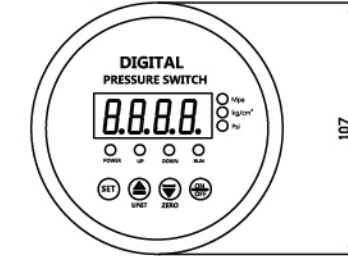
RADIAL



S628E

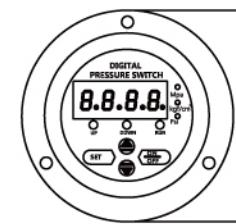


S828E

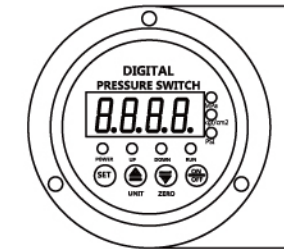


S928E

AXIAL



S628Z

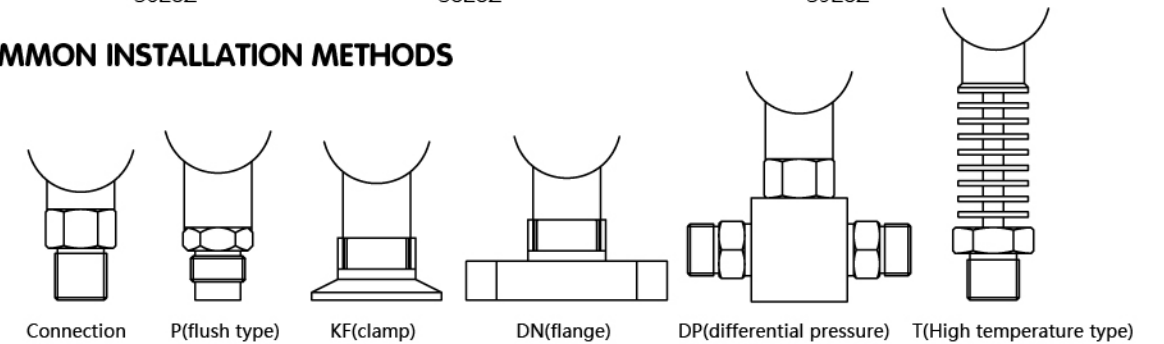


S828Z



S928Z

COMMON INSTALLATION METHODS



SELECTION GUIDE

MD - S628 E P - 60M - 1 - P2 - J - M20 - D - T1 - L

Model:

S928(100mm)
S828(80mm)
S628(60mm)

Installation mode:

E(Radial Installation)
Z(Axial Installation)

Feature:

X(Connection)
P(Flush type)
DP(Differential pressure)
KF(Clamp) DN(Flange)

Range:

X k (0-X kPa)
X b (0-X bar)
X M(0-X MPa)

Accuracy:

1(0.5%)

Power supply:

P2(24V) P4(220V)
P5(380V) P6(12V)

Description: There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

Addition:

L(Display)
I(Intrinsically safe explosion-proof)

Medium temperature:

T1(-40~80°C)
T9(Customized)

Outlet line:

B(Straight out) D(Mating plug)

Screw thread:

M20(M20*1.5) G14(G1/4)
G12(G1/2) N12(NPT1/2)
N14(NPT1/4) M9(Customized)

Output signal:

J((2 sets of relay signal)
JA(2 sets of relays+4-20mA)
JR(2 sets of relays+RS485)

MD-S853 DIGITAL PRESSURE SWITCH

PRODUCT DESCRIPTION

MD-S853 is a digital pressure switch with an OLED screen suitable for hydraulic environments. The product is designed with a 304 stainless steel case and a plastic casehead. The protection capability can reach IP65 level. The product can be used in harsh environments.

This pressure switch adopts a universal threaded joint design. It is designed for high load conditions in hydraulic environments and is equipped with an ED sealing method to achieve good long-term stability. This product is equipped with a double-section rotating structure that can adjust the screen orientation to ensure that customers can obtain good viewing angles in different installation positions.

This pressure switch is equipped with multiple function buttons. Users can quickly set hysteresis value, upper and lower limit settings, hysteresis mode/window mode and other functions. Equipped with a standard 5-core M12 aviation plug line (i meter), users can directly replace the old mechanical pressure switch.

TECHNICAL CHARACTERISTICS

- ✓ 304 stainless steel shell, IP65 structural design
- ✓ Double-stage rotation structure, quickly adjust the screen orientation
- ✓ OLED screen design, wide viewing angle range and high resolution
- ✓ Multiple output modes optional: 4~20mA, PNP/NPN switchable
- ✓ Dual-channel alarm lights, multi-function button design

APPLICATIONS

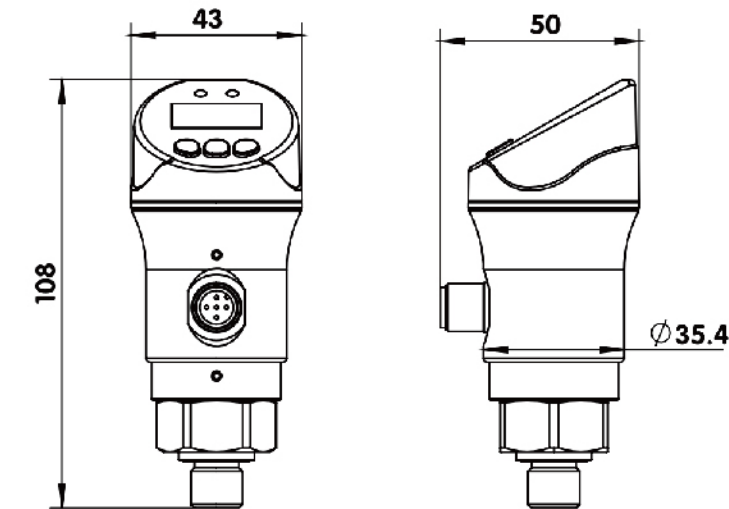
- ◇ Machine tool drive monitoring
- ◇ Automated production line
- ◇ High speed train
- ◇ Hydraulic equipment
- ◇ Automatic control equipment

PRODUCT DIAGRAM



DIMENSION DIAGRAM

UNIT:mm



SELECTION GUIDE

MD - S853 - (0~1)MPa - 2DO - A - 1 - M20 - P3

Model:
S853

Range:
(X-X) MPa (X-X) PSI (X-X) kgf/cm²
(X-X) BAR (X-X) kPa

Switch output:
2DO (Two sets of switch outputs)

Other output:
A(4-20mA)

Supply voltage:
P3 (12~28V DC)

Screw thread:
M20(M20*1.5)
N12(NPT1/2)
G12(G1/2)
G14(G1/4)
KF25(KF25 Clamp)
M9(Customized)

Accuracy:
1 (± 0.5%FS)

Description: There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

MD-S SERIES ECONOMIC DIGITAL PRESSURE SWITCH

PRODUCT DESCRIPTION

MD-S series economic digital pressure switch adopts nylon plastic shell, equipped with 304 stainless steel connector, built-in high stable pressure sensor, practical function, stable product.

The series includes:

MD-S910-type digital display pressure controller, it is a digital display pressure controller for specific range applications (0.6~1.6MPa), mainly used for various types of water pumps, air compressors, and automation equipment.

MD-S800V digital negative pressure controller is also known as negative pressure switch, vacuum switch, can be used to measure various vacuum degrees, and can be used with various oil-free vacuum pumps

MD-S800 digital display pressure controller is with wide range (0-0.1...1...60MPa full range coverage), suitable for various hydraulic presses, hydraulic stations, injection molding machines and other equipment

MD-S825 digital display electric contact pressure gauge is to replace mechanical electric contact pressure gauge. The developed digital display electric contact gauge has longer life than traditional electric contact gauges, strong shock resistance and good impact resistance.

MD-S828 digital pressure switch, with 2 independent normally open and normally closed alarm points, each alarm point has an independent hysteresis, suitable as an alarm switch, control switch, applied to pressure vessels, automatic production line matching.

TECHNICAL CHARACTERISTICS

- ✓ Built-in relay, long life
- ✓ 80mm dial, radial installation
- ✓ -0.1~0...0.01...0.1...1.6...10...60MPa full range optional
- ✓ Strong anti-interference ability, transmission distance is greater than 500 meters
- ✓ 304 connection, nylon shell, strong media compatibility

APPLICATIONS

- ◇ Automated production line
- ◇ Pressure vessel
- ◇ Construction machinery
- ◇ Hydraulic and pneumatic system
- ◇ Replace mechanical pressure switch

RADIAL INSTALLATION



MD-S910
(Digital pressure controller)



MD-S800
(Digital pressure controller)



MD-S800V
(Digital negative pressure controller)



MD-S825
(Digital electric-contact pressure switch)

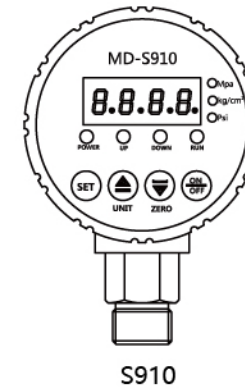


MD-S828
(Digital pressure switch)

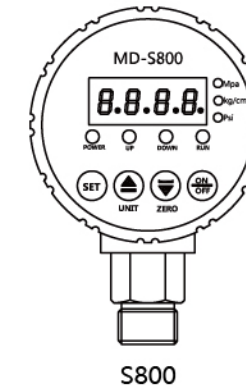
Customized pressure controller products
Customized software measurement and control program

DIMENSION DIAGRAM

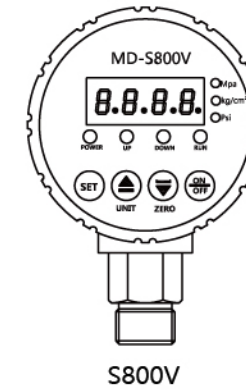
UNIT:mm



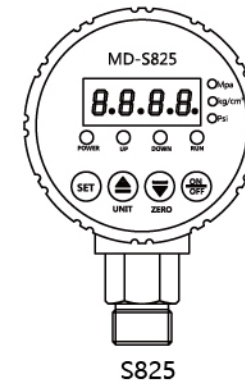
S910



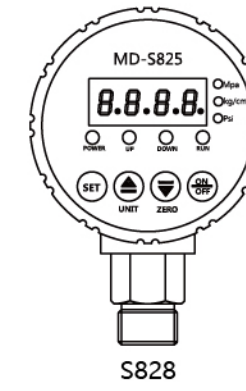
S800



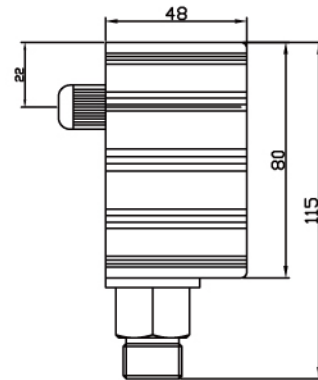
S800V



S825



S828



SELECTION GUIDE

MD - S800 - 10M - 6 - P2 - J - M20 - B - T1 - L

Model:

S910
S800
S800V
S825
S828

Range:

X k (0-X kPa)
X b (0-X bar)
X M (0-X MPa)

Accuracy:

6 (1%)

Power supply:

P2(24V) P4(220V)
P5(380V) P6(12V)

Description: There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

Addition:
L(Display)

Medium temperature:
T1(-40~80°C)
T9(Customized)

Outlet line:
B (Straight out)

Screw thread:

M20(M20*1.5) G14(G1/4)
G12(G1/2) M9(Customized)

Output signal:

J (Relay signal)

MD-S850 SERIES ELECTRONIC PRESSURE SWITCH

PRODUCT DESCRIPTION

MD-S850 series electronic pressure switch, built-in high-precision pressure sensor, transistor output, NPN / PNP output optional, output no delay, no jitter and other characteristics, long service life.

MD-S851 can preset an alarm value, which can be used as a single-point alarm switch, or it can preset the hysteresis to realize the control function, high voltage closed and low voltage disconnected.

MD-S852 can be preset with two pressure alarm values, which is suitable for vehicle-mounted air compressors, trams, subways and other strong vibrations, high-frequency operation working conditions, and also suitable for hydraulic machinery automatic control equipment that requires impact resistance and fast response Application scenario.

TECHNICAL CHARACTERISTICS

- ✓ 0~0.1...1.0...60MPa optional range
- ✓ No delay, fast response
- ✓ No mechanical components, long service life
- ✓ NPN or PNP output is optional,
- ✓ Single point, double point optional

APPLICATIONS

- ◇ Car air compressor
- ◇ High-speed train
- ◇ Hydraulic equipment
- ◇ Automatic control equipment
- ◇ Automated production line

PRODUCT DIAGRAM

MD-S850 series electronic pressure switch



DIN

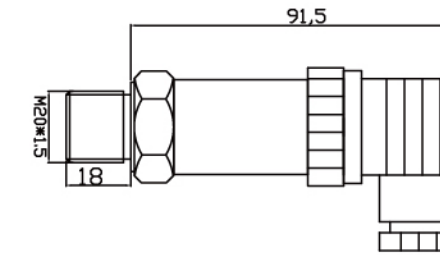


Straight out

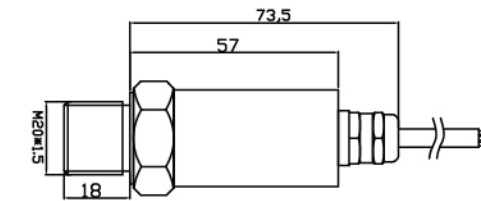
DIMENSION DIAGRAM

UNIT:mm

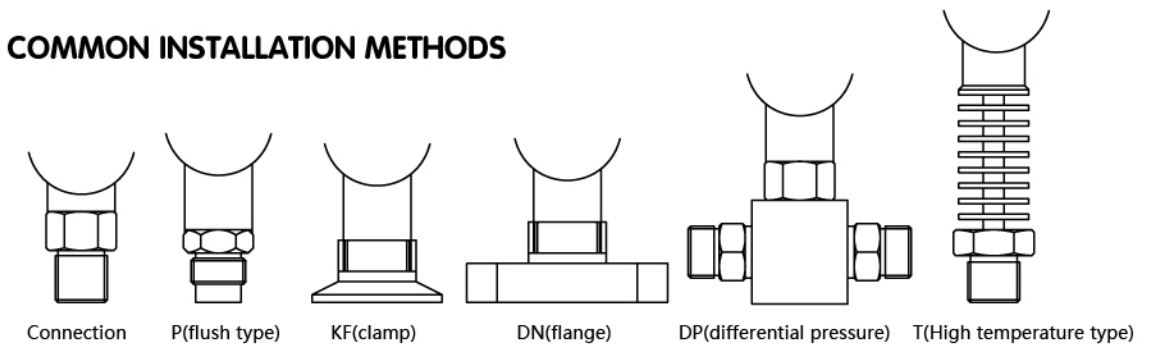
DIN



Straight out



COMMON INSTALLATION METHODS



SELECTION GUIDE

MD-S850-10b-6-N-G14-B

Model:

S851
(Single point)
S852
(Double point)

Range:

X b (0-X bar)
X M(0-X MPa)
X P (0-X PSI)

Accuracy:

6 (1%FS)

Outlet line:

B(Straight-out cable)
A(DIN)

Screw thread:

M14(M14*1.5) M20(M20*1.5)
G14(G1/4) G12(G1/2)
N14(NPT1/4) P14(PT1/4)
M9(Customized)

Output signal:

N(NPN) P(PNP)

Description: There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

MD-S100 SERIES COMPACT TRANSMITTER SERIES

PRODUCT DESCRIPTION

The MD series pressure transmitter is a high-precision common pressure transmitter. It uses a diffused silicon isolation membrane sensor as a pressure-sensitive element, and is equipped with an imported instrument amplifier to make it have high precision and excellent long-term stability.

The product structure is compact, the internal circuit has excellent anti-interference ability, and it adopts 304 stainless steel shell to ensure its durability.

The IP rating of this series of products is IP65, the whole series have passed CE certification, and some models have passed explosion-proof certification (Exib IIBT6). They can be used in petroleum, chemical, coal, metallurgy and other occasions that have high requirements for pressure measurement and control.

TECHNICAL CHARACTERISTICS

- ✓ Wide voltage power supply (12-28V), output 0-5V/0-10V/4-20mA/RS485 optional
- ✓ Accuracy 0.15%, 0.25%, 0.5%, 1.0% optional
- ✓ -0.1~0...0.01...0.1...1.6...10...100...600bar full range coverage
- ✓ Anti-electromagnetic interference design, 316L stainless steel diaphragm, good long-term stability
- ✓ CE certification, explosion-proof certification (Exib IIBT6)

PRODUCT DIAGRAM



MD-S101 (High-precision)



MD-S102 (Universal)



MD-S103 (Compact)



MD-S105 (Low power consumption)



MD-S106 (Economic type)

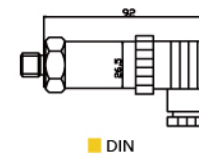
APPLICATIONS

- ◇ Petrochemical
- ◇ Energy and water treatment
- ◇ Construction machinery
- ◇ Hydraulic and pneumatic system
- ◇ Water Resources and Hydropower

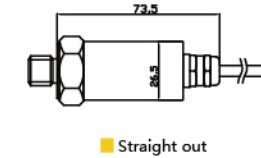
DIMENSION DIAGRAM

UNIT:mm

MD-S101/S102

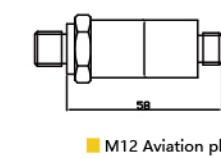


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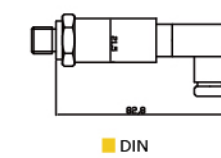


Straight out

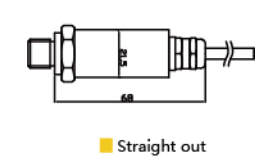
MD-S103



M12 Aviation plug

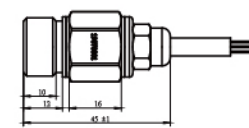


DIN

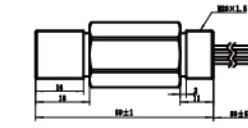


Straight out

MD-S105

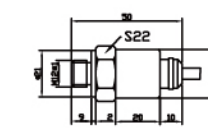


Straight out

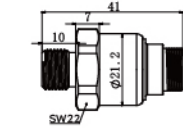


Terminal type

MD-S106

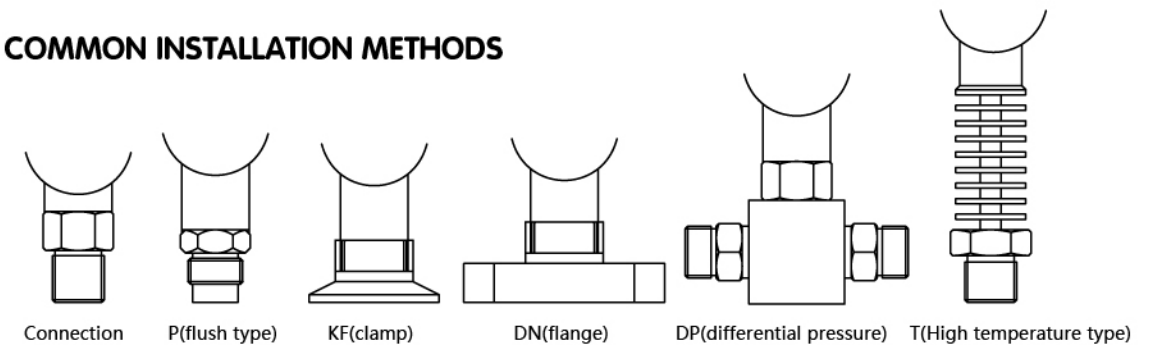


Straight out



Aviation plug

COMMON INSTALLATION METHODS



SELECTION GUIDE

MD-S100 -P -10b -1 -A -P2 -M20 -B -T1

Model:

S101
S102
S103
S105
S106

Feature:

X(Connection)
P(Flush type)
DP(Differential pressure)
KF(Clamp) DN(Flange)
T(High temperature type)

Range:

X b (0-X bar)
X M(0-X MPa)
X k (0-X kPa)
X P (0-X PSI)

Accuracy:

1(0.5%FS) 2(0.25%FS)
3(0.15%FS) 6(1.0%FS)

Medium temperature:
T1(-40~80°C)

Outlet line:
A(DIN) B(Straight out)
C(Aviation plug)

Screw thread:

M20(M20*1.5) G14(G1/4)
G12(G1/2) N12(NPT1/2)
N14(NPT1/4) P14(PT1/4)
M9(Customized) DN25(25 Flange)
DN50(50 Flange) DN80(80 Flange)
KF50(50 Clamp)

Power supply:

P2(12-28V) P1(5V)
P7(3.3V)

Output signal:

A(4-20mA) R(RS485) V1(0-10V) V2(0-5V)
V3(0.5-4.5V) V4(0.5-2.5V)

Description: There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

MD-S120 SERIES INDUSTRIAL TRANSMITTER SERIES

PRODUCT DESCRIPTION

Industrial pressure transmitter is an industrial pressure transmitters used in complex working conditions such as chemical, petroleum, electric power, etc. It includes explosion-proof diffused silicon pressure transmitter, monocrystalline silicon pressure transmitter, capacitive type pressure transmitter.

This series of pressure transmitter has high precision, good long-term stability and strong anti-interference performance. HART protocol function can be selected.

TECHNICAL CHARACTERISTICS

- ✓ Optional diffused silicon, monocrystalline silicon, capacitive and other sensors
- ✓ Strong medium adaptability, can measure liquid, gas, steam, etc.
- ✓ Optional 316L diaphragm, titanium alloy diaphragm, etc.
- ✓ High product precision and good long-term stability
- ✓ 4-20mA output, HART protocol optional

APPLICATIONS

- ◇ Petroleum and Petrochemical
- ◇ Food Pharmaceutical
- ◇ Electricity, Steel, Paper
- ◇ City pipelines and other fluid aspects

PRODUCT DIAGRAM



MD-S121
Industrial pressure transmitter



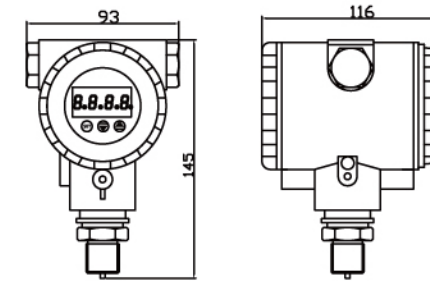
MD-S122
Industrial pressure transmitter



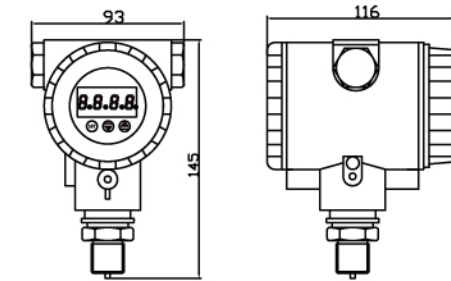
MD-S123
Monocrystalline silicon pressure transmitter

DIMENSION DIAGRAM

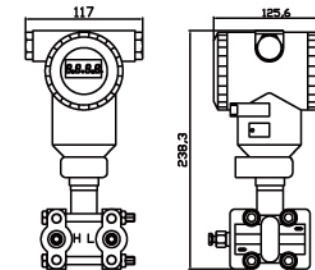
UNIT:mm



MD-S121
Industrial pressure transmitter



MD-S122
Industrial pressure transmitter



MD-S123
Monocrystalline silicon pressure transmitter

SELECTION GUIDE

MD-S121 - P - 10b-1 - A - P2 - M20 - B - T1 - L

Model: S121 S122 S123	Feature: X(Connection) P(Flush type) DP(Differential pressure) KF(Clamp) DN(Flange) T(High temperature type)	Range: X b (0-X bar) X M(0-X MPa) X k (0-X kPa) X P (0-X PSI)	Accuracy: 1(0.5%FS) 2(0.25%FS) 3(0.15%FS)	Output signal: A(4-20mA) R(RS485) AH(4-20mA+HART)	Medium temperature: T1(-40~80°C)	Outlet line: B(Fixed cable)	Screw thread: M20(M20*1.5) G14(G1/4) G12(G1/2) N12(NPT1/2) N14(NPT1/4) M9(Customized) DN25(25 Flange) DN50(50 Flange) DN80(80 Flange) KF50(50 Clamp) BM20(M20*1.5 Internal thread) BN12(NPT1/2 Internal thread) BG14(G1/4 Internal thread)	Power supply: P2(12-28V)	Addition: L(Display) I(Intrinsically safe explosion-proof)
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Description: There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

MD-S110 SERIES INDUSTRIAL TRANSMITTER SERIES

PRODUCT DESCRIPTION

This industrialized pressure transmitters are based on common high-precision pressure transmitters and are designed and developed according to the application characteristics of each industry.

This type of pressure transmitter is designed to solve the pain points of the industry at the beginning, so it has good pertinence and practicality.

We will also provide customized pressure sensor solutions according to customer requirements.

TECHNICAL CHARACTERISTICS

- ✓ According to industry application characteristics, design various types of pressure sensors
- ✓ Accuracy 0.5%FS 1%FS optional
- ✓ 0...0.01...0.1...1.6...10...100...100MPa full range coverage
- ✓ Anti-electromagnetic interference design, good long-term stability and long life
- ✓ Integrated welding sensor, resistant to repeated impact

APPLICATIONS

- ◇ Hydraulic press/hydraulic station/hydraulic test stand
- ◇ Fatigue machine/pressure tank
- ◇ Inkjet printer
- ◇ Hydraulic and pneumatic system
- ◇ Energy and water treatment system

PRODUCT DIAGRAM



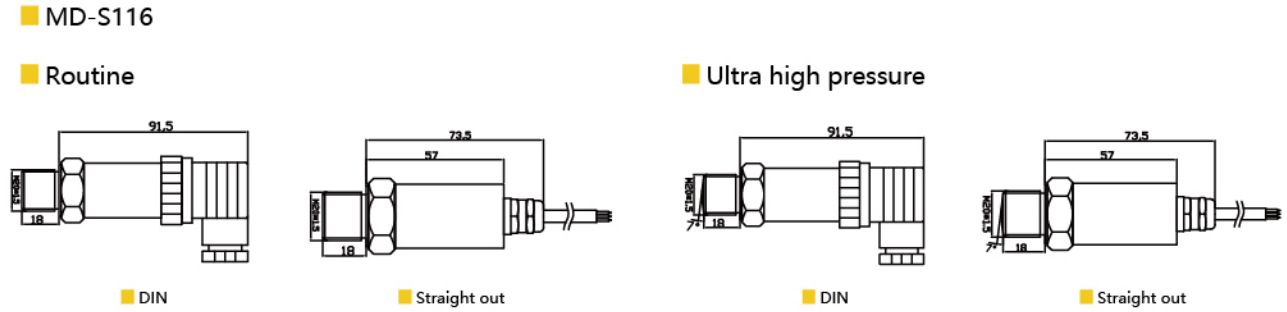
MD-S116 Hydraulic pressure sensor



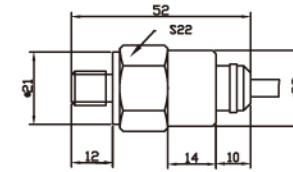
MD-S115 Printer pressure sensor

DIMENSION DIAGRAM

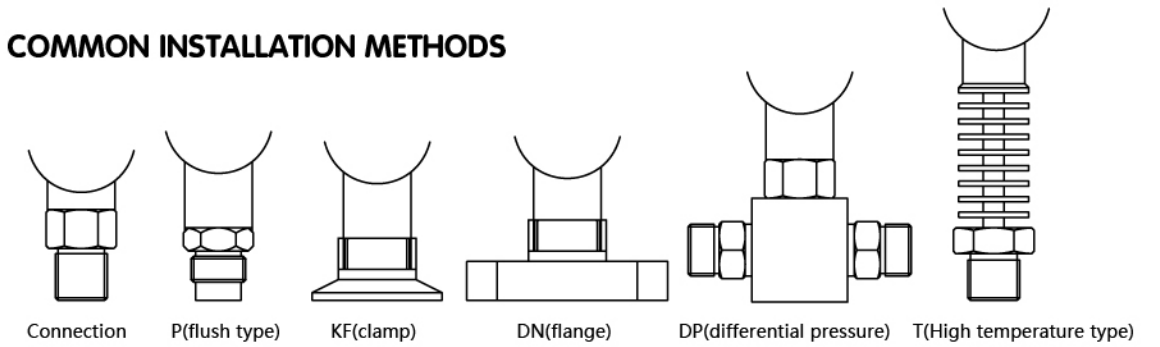
UNIT:mm



MD-S115

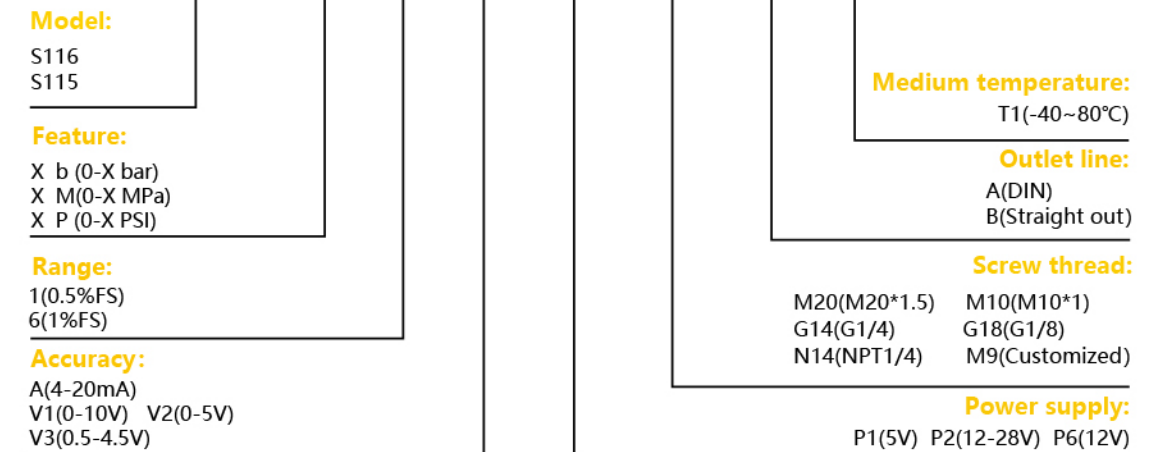


COMMON INSTALLATION METHODS



SELECTION GUIDE

MD-S116 - 10b-1 - A - P2 - M20 - B - T1



Description: There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

MD SERIES

Level Sensor Series



Precision temperature compensation technology, 4-20mA /
RS485 signal optional, accuracy 0.5/0.25%FS.....

MD-S400 SERIES LEVEL SENSOR

PRODUCT DESCRIPTION

MD-S series level sensor adopts the principle of hydrostatic pressure to measure liquid level and water depth, which is an important application of pressure sensors.

The MD-S401 level sensor measures liquid level or water depth based on the principle of hydrostatics, adopts high-performance isolating sensitive components, and uses sophisticated temperature compensation technology and water sealing technology to convert static pressure into electrical signals. Standard electrical signal.

The MD-S401 level sensor is reliably used for water level measurement in reservoirs, rivers, sewage treatment, urban water supply, etc. This series of products also includes liquid levels designed for more special working conditions such as geothermal, minefields, and oil tanks. sensor.

The MD-S406 installation type level sensor mainly adopts a fixed thread design, so that it can be easily arranged and fixed, especially suitable for the water level of oil tanks, water tanks, ships, etc.

TECHNICAL CHARACTERISTICS

- ✓ Can be used for water level measurement of water tanks, pools and rivers and lakes
- ✓ Precise temperature compensation technology and special water sealing technology ensure the accuracy and stability of the product
- ✓ 0~0.5...1...10...100 meters full range coverage
- ✓ A variety of models are designed to meet the requirements of different working conditions
- ✓ Product adopts 304 stainless steel shell and 316L stainless steel shell

APPLICATIONS

- ◇ Water level measurement of pools and tanks
- ◇ Water level measurement of rivers and lakes
- ◇ Marine level measurement
- ◇ Level measurement of acid and alkali liquids
- ◇ Fuel level measurement of oil truck and fuel tank

PRODUCT DIAGRAM



MD-S401 Level Sensor



MD-S406 Installation type Level Sensor



MD-S401X Digital Level Sensor

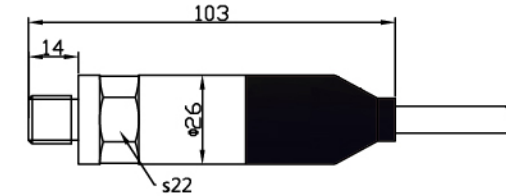


MD-S405 Anticorrosive Level Sensor

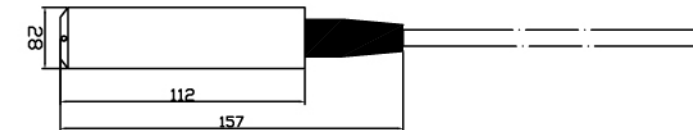
DIMENSION DIAGRAM

UNIT:mm

MD-S406 Installed type



MD-S401 Input type



SELECTION GUIDE

MD-S401-1m-1-A-P2-M20-E-T1-L

Model:

S401(Investment)
S406(Installation)
S405
(Anticorrosive)
S401X

Range:

X m (0-X m Water)

Accuracy:

1(0.5%FS) 2(0.25%FS)

Output signal:

A(4-20mA) R(RS485)
V1(0-10V) V2(0-5V)

Addition:

L(Display)
I(Intrinsically safe
explosion-proof)

Medium temperature:

T1(-40~80°C)

Outlet line:

E(IP68 Waterproof outlet)

Screw thread:

M20(M20*1.5) G14(G1/4)
M9(Customized) Investment type

Power supply:

P2(24VDC)

Description: There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

MD-S410 SERIES ULTRASONIC LEVEL SENSOR

PRODUCT DESCRIPTION

MD-S series ultrasonic level sensor is a common used ultrasonic level sensor. It realizes all-digital and humanized design concept, with perfect liquid level measurement and control, data transmission and man-machine communication functions.

This liquid level adopts engineering plastic ABS waterproof shell, the shell is small and firm, the main chip adopts dozens of related special integrated circuits such as imported industrial grade single-chip microcomputer, digital temperature compensation and ultra-wide voltage input voltage stabilization.

The product has rich functions and can add modules to realize other functions (such as Bluetooth, GPRS communication, etc.) according to customer needs. It has strong anti-interference, and can set upper and lower limit nodes and online output adjustment arbitrarily. It has on-site display and can choose analog. Switch and RS485 output, which is convenient to interface with related facilities.

It has high reliability, no pollution, stable performance, and can meet most of the liquid level and material level measurement requirements without touching industrial media. It completely solves the entanglement and blockage caused by traditional measurement methods such as pressure type, capacitive type, and float type. Leakage, medium corrosion, inconvenient maintenance and other shortcomings, so it can be widely used in various fields related to material level and liquid level measurement and control, so it

TECHNICAL CHARACTERISTICS

- ✓ Optional 4-20mA/RS485 output
- ✓ Optional GPRS wireless output
- ✓ Backup and restore setting parameter function
- ✓ The analog output can be adjusted arbitrarily
- ✓ With digital filtering and echo recognition functions

APPLICATIONS

- ◇ Water and sewage treatment
- ◇ Electricity, mine
- ◇ Food industry
- ◇ Pump room, catchment well, biochemical reaction tank, sedimentation tank, etc.
- ◇ Putty slurry tank, coal slurry tank, butter storage tank

PRODUCT DIAGRAM



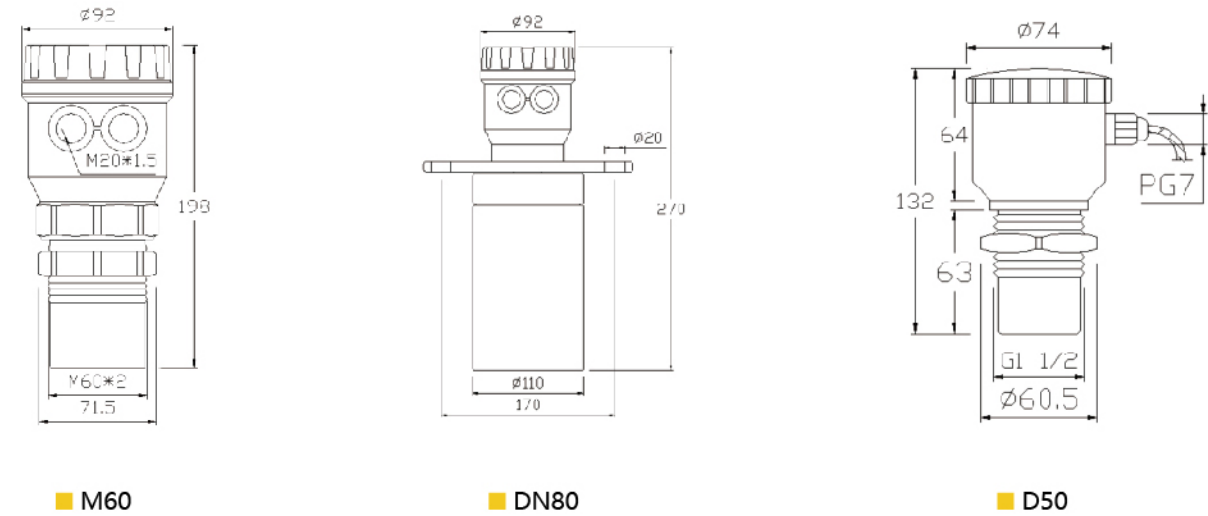
MD-S411
Ultrasonic level sensor



MD-S412
Split ultrasonic level sensor

DIMENSION DIAGRAM

UNIT:mm



SELECTION GUIDE

MD - S411 - 5M - 2 - P2 - A - M60 - T1 - L

Model:

S411 (Ultrasonic level gauge)
S412 (Split ultrasonic level gauge)

Model:

2m(2m~30m Optional)

Accuracy:

2(0.2%FS) 9(Customized)

Power supply:

P2(24VDC)
P4(220VAC)

Addition:

L(Display)
I(Intrinsically safe explosion-proof)

Medium temperature:

T1(-40~80°C)

Installation method:

D50: G1 1/2 pipe thread or Φ50mm round hole with big gong ring (2m range)
M60: M60X2 or Φ61mm round hole with big gong ring (5m-15m range)
DN80: DN80 non-standard flange (2m-30m range)

Output signal:

A(4-20mA) R(RS485)
V1(0-10V) V2(0-5V) 2G(GPRS)

Description: There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

MD-T SERIES

Temperature Series



4-20mA / RS485 output optional, support custom protocol,
casing, probe length.....

MD-S SERIES TEMPERATURE TRANSMITTER

PRODUCT DESCRIPTION

The MD-S311 compact temperature transmitter is an integrated ultra-stable temperature transmitter, built-in imported PT100 high-precision temperature sensor, using a compact circuit, input and output isolation, The probe and shell of the product are made of 316L stainless steel, the structure adopts laser welding technology, and the connecting wire adopts IP67 waterproof aviation plug-in wire, which greatly guarantees the long-term stability and reliability of the product.

MD-S321 integrated temperature transmitter is a code switch type intelligent temperature transmitter, built-in imported PT100 high-precision temperature sensor, equipped with a digital code switch type intelligent temperature transmitter circuit board, input and output isolation design. The user only needs a screwdriver to pull and adjust the code switch, adjust the range of the temperature transmitter on the spot, greatly shorten the operation time, simple operation and convenient use.

MD-S311 and MD-S321 temperature transmitters adopt lightning protection and anti-electric fast transient (pulse group) interference circuit design, and have lightning protection functions. The lightning protection index reaches the induction lightning (iA4000V) for 5 consecutive times. In order to protect the connected equipment from damage, the input and output have the ability to resist the interference of electrical fast transient (pulse group) iA4000V. This product can effectively protect against damage caused by lightning induction or the start and stop of high-power equipment inside the power supply system, line failure, switching actions, operation of frequency conversion equipment, and electric welders during on-site construction.

MD-S322 is a digital temperature transmitter with display, built-in high-precision temperature sensor, can accurately display temperature in real time, and can transmit the temperature signal remotely, with high accuracy and good long-term stability. This transmitter adopts LCD display, with Celsius/Fahrenheit switching, slowness correction, digital filtering and other functions. It is simple to operate and easy to install. This product can measure water, oil, air and other non-corrosive media to stainless steel. The precision PT100 is used as the temperature measurement element, the measurement method adopts the temperature probe contact insertion, the circuit is used for 0-60 ambient temperature compensation.

TECHNICAL CHARACTERISTICS

MD-S311 Technical characteristics:

- ✓ Integrated design, compact structure, maximum diameter 18mm
- ✓ 4-20mA output, strong anti-interference design
- ✓ Circuit design with lightning protection and anti-electric fast transient (pulse group) interference
- ✓ Ultra-low power design
- ✓ 316L stainless steel probe and shell

MD-S321 Technical characteristics:

- ✓ Adopts explosion-proof junction box, tight structure, small size
- ✓ Code switch design, multiple temperature ranges can be set
- ✓ Circuit design with lightning protection and anti-electric fast transient (pulse group) interference
- ✓ IP65 Waterproof design

APPLICATIONS

- ◇ Instrumentation matching
- ◇ Petrochemical
- ◇ Laboratory
- ◇ Environmental monitoring
- ◇ Construction machinery
- ◇ Automated production line

PRODUCT DIAGRAM



MD-S311
Compact temperature transmitter



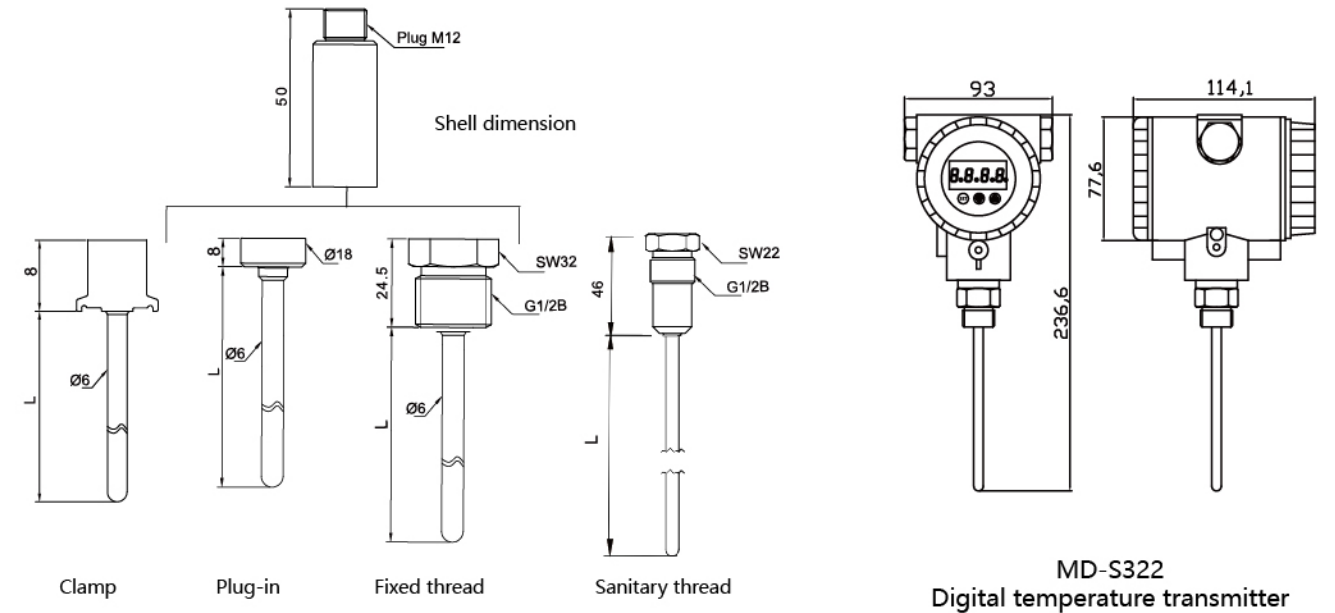
MD-S321
Explosion-proof temperature transmitter



MD-S322
Digital temperature transmitter

DIMENSION DIAGRAM

UNIT:mm



SELECTION GUIDE

MD - S311- (-50~100)°C - 2 - M20-6-25

Model:

S311
S321
S322

Range:

-50~100°C
-50~300°C (T2088)

Accuracy:

1 (0.2°C)
2 (±0.5 ±0.25 ±0.1 °C) (T2088)

Probe length:

X (Length can be selected according to customer's requirement)

Probe diameter:

6(6mm diameter)
8(8mm diameter)
10(10mm diameter)

Screw thread:

M20(M20*1.5) G14(G1/4)
G12(G1/2) N12(NPT1/2)
N14(NPT1/4) M9(Customized)

Description: There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

MD-S SERIES DIGITAL THERMOMETER

PRODUCT DESCRIPTION

MD-S200T high-precision digital thermometer is a low-power LCD display thermometer. This product is with battery-power supply, 50mm super large LCD dial, 5-digit LCD display, temperature calibration function, convenient for secondary calibration and regular testing.

MD-S560T digital remote transmission thermometer is a digital display thermometer with 4-20mA output, which can accurately display the temperature in real time, and can remotely transmit the temperature signal by 4-20mA. The diameter of the dial is 60mm, It has compact structure, high precision & long-term stability characteristics etc.

This series of digital thermometer adopts high-precision PT100 as the temperature measurement element, high-precision ADC chip and low-power circuit design, and circuit wide temperature range compensation. This series of products adopts 304 stainless steel plug-in probes, which can measure water, oil, air and other non-corrosive media to stainless steel, and are used in various occasions where the temperature of the medium needs to be tested.

TECHNICAL CHARACTERISTICS

MD-T200 Technical characteristics:

- ✓ Low power consumption, battery powered, long battery life
- ✓ Optional probe length, optional temperature range
- ✓ T560 range and output can be set by users
- ✓ Display up to 5 digits, automatically record maximum and minimum values
- ✓ Adjustable measurement response speed

MD-T560 Technical characteristics:

- ✓ With 4-20mA current signal output
- ✓ Optional probe length, optional temperature range
- ✓ External power supply 12 ~ 28V, high temperature precision
- ✓ Adjustable measurement response speed
- ✓ Support customer site temperature calibration and current calibration

APPLICATIONS

- ◇ Instrumentation
- ◇ Laboratory
- ◇ Construction machinery
- ◇ Automated production line
- ◇ Petrochemical
- ◇ Environmental monitoring

PRODUCT DIAGRAM

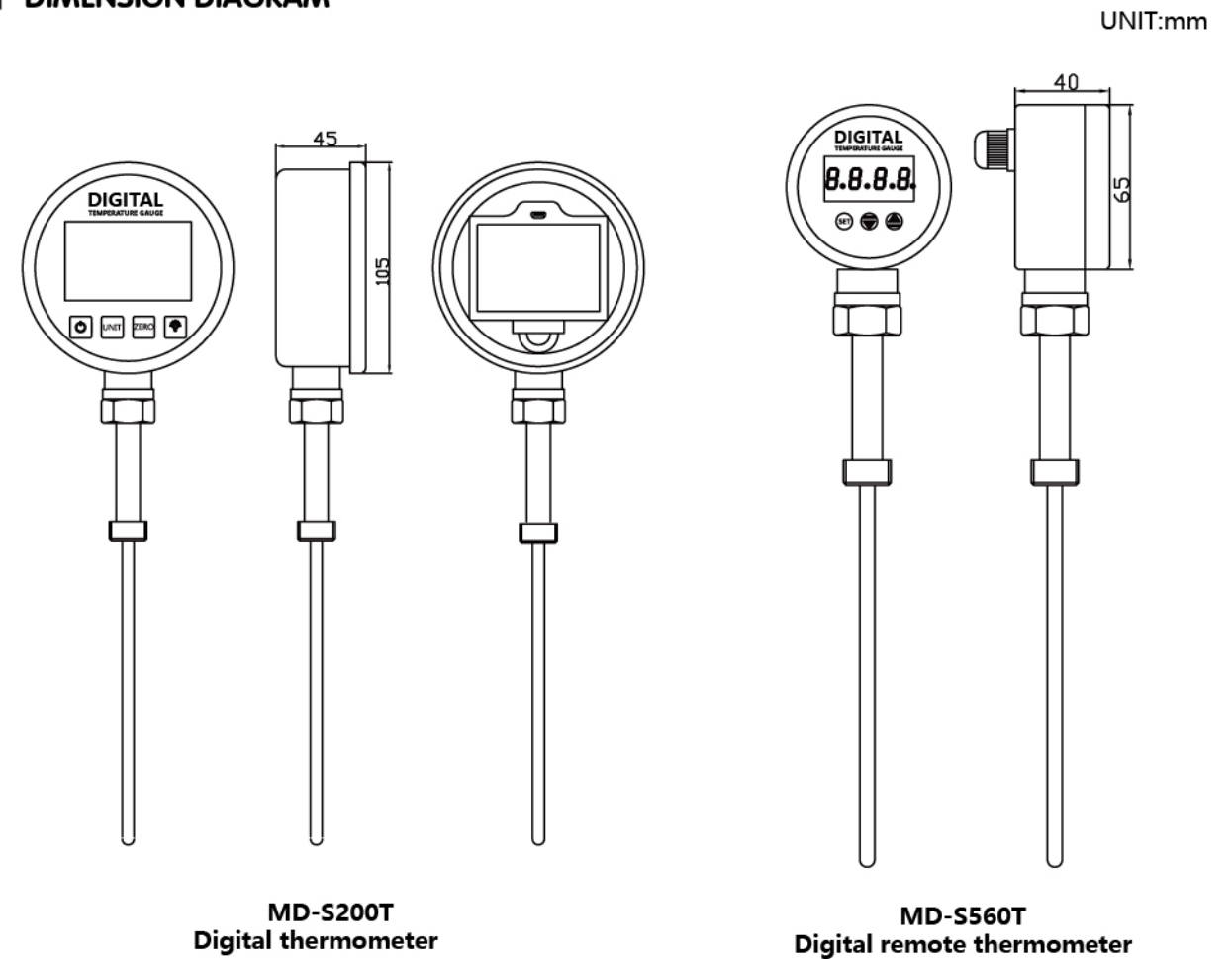


MD-S200T Digital thermometer



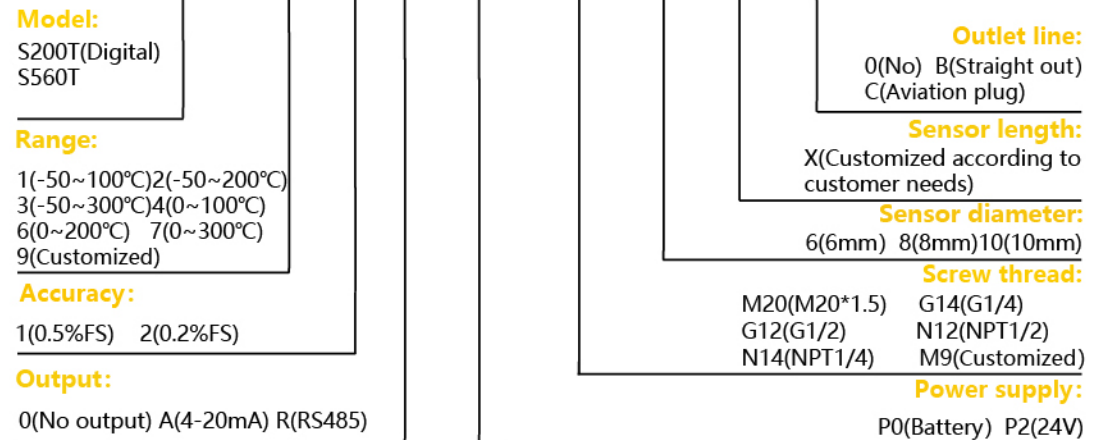
MD-S560T Digital remote thermometer

DIMENSION DIAGRAM



SELECTION GUIDE

MD - S200T - 1 - 2 - A - P0 - M20 - 8 - 100 - C



Description: There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

MD-S351 SERIES

DIGITAL TEMPERATURE & HUMIDITY SENSOR

PRODUCT DESCRIPTION

MD-S351 series digital temperature and humidity sensors adopt imported temperature and humidity sensors as sensitive components, which can quickly respond to changes in temperature and humidity.

The product adopts 3.5-inch LCD screen display and is equipped with a mounting bracket for easy wall-mounted installation.

This series of products includes 4-20mA current (HT101A), RS485 (HT101R) two output options, the product supports °C °F unit switch / display digits / range configuration, MD-HT101R supports button configuration unit switch / communication address / baud Rate/filtering constant, etc.

This series of products have high accuracy, fast response and long life, especially suitable for indoor occasions where high-precision measurement of temperature and humidity is required.

TECHNICAL CHARACTERISTICS

- ✓ 68x50mm large screen LCD display
- ✓ Anti-interference design, isolated output
- ✓ 4-20mA/RS485 output optional
- ✓ Supports independent selection of range and key parameter configuration
- ✓ Support 9~28V wide power supply

APPLICATIONS

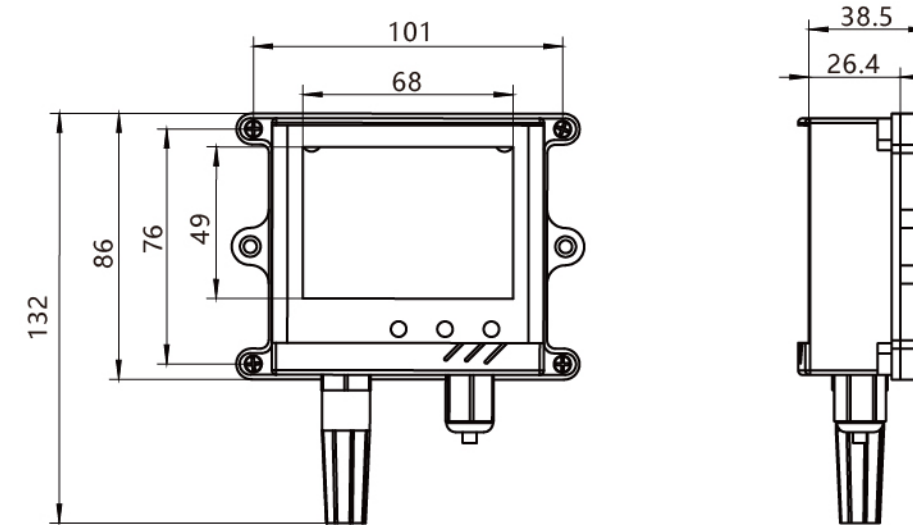
- ◇ Pump room
- ◇ Computer room
- ◇ Workshop
- ◇ Exhibition hall
- ◇ Other occasions where temperature and humidity need to be monitored

PRODUCT DIAGRAM

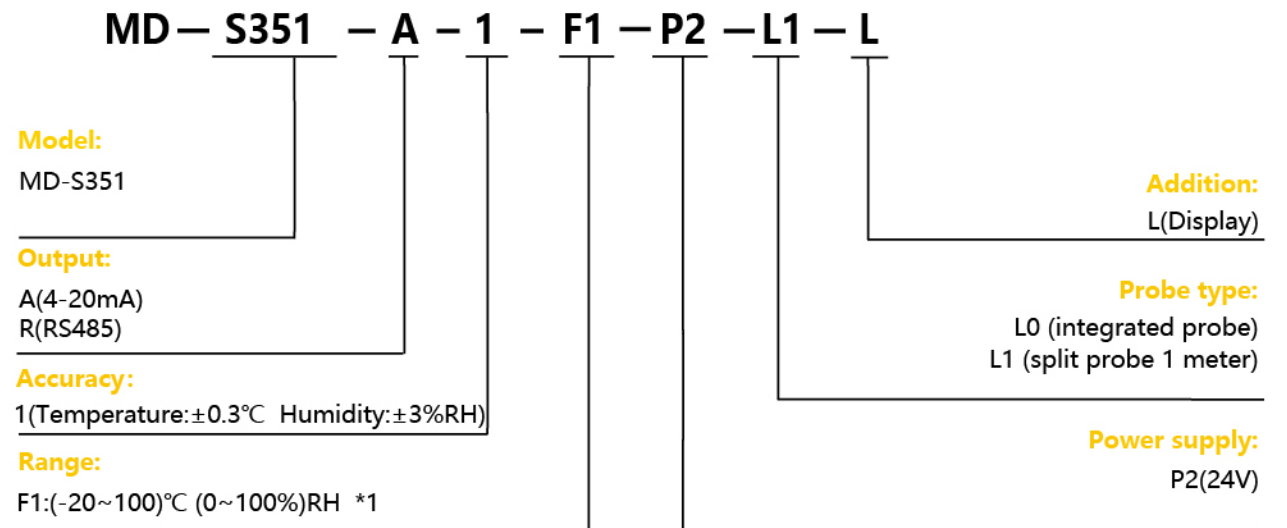


DIMENSION DIAGRAM

UNIT:mm



SELECTION GUIDE



*1. Support user self-configurable range 1:(-20~100°C); 2:(0~40°C); 3:(0~60°C); 4:(0~80°C); 5:(0~100°C)
After the range is selected, the 4-20mA output will change with the range. *Only MD-HT101A
*2. There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

MD-S450 SERIES ELECTROMAGNETIC FLOWMETER

PRODUCT DESCRIPTION

The MD-S450 series electromagnetic flowmeter is suitable for measuring almost all electrically conductive liquids, as well as flow measurement of mud, paste and mud. The premise is that the measured medium will have a small conductivity. Temperature, pressure, viscosity and Sealing has no influence on measurement results.

It can also be used to measure corrosive media as long as the appropriate pipeline lining material and electrode material are selected. The solid particles in the media will not affect the measurement results.

The flow sensor and the smart converter are integrated or separated to form a complete flow meter.

TECHNICAL CHARACTERISTICS

- ✓ No moving parts, no wear
- ✓ The measurement range of the process is 1:100
- ✓ Strong corrosion resistance and wear resistance
- ✓ Can measure forward/reverse flow
- ✓ Persistent EEPROM, used to save configuration parameters and measurement data when power is off

APPLICATIONS

- ◇ Clean water sewage
- ◇ Electricity production and distribution
- ◇ Chemical and Industrial Pharmaceutical
- ◇ Food industry

PRODUCT DIAGRAM



MD-S451 Electromagnetic Flowmeter

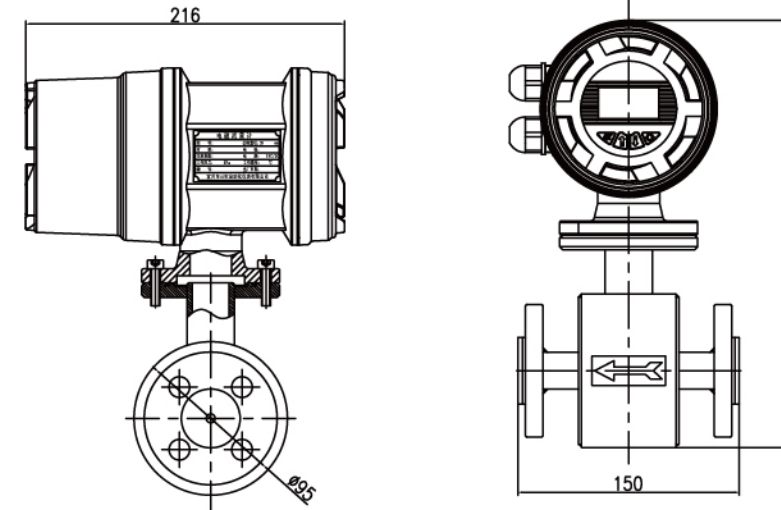


MD-S452 Split electromagnetic flowmeter



DIMENSION DIAGRAM

UNIT:mm



■ DN6-DN300 Optional

SELECTION GUIDE

MD - S451 - 100 - A - 1 - P4 - 16 - 7 - B - GR

Model:
S451
S452

Caliber:
15(DN15)
300(DN300)
15~300 Optional

Output:
A(Current mode) R(RS485)
AH(Current+HART)

Accuracy:
1(0.5%FS) 2(0.2%FS)

Power supply:
P4(220V) P2(24V)

Addition:
GR(With grounding ring)
F (Split type)
EX(Explosion proof type)

Electrode material:
A(316L SS)
B(Titanium alloy)
C(Hastelloy-C alloy)
D(Tantalum alloy)

Lining material:
1(PTFE)
9(Customized materials)

Withstand voltage:
16(16bar) X(Customized)

Description: There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

MD-S975 SERIES ELECTROMAGNETIC FLOWMETER

PRODUCT DESCRIPTION

Gas flow monitors are widely used in various industries and application scenarios, such as industrial control (kilns), environmental monitoring, medical equipment and laboratory research. Gas flow monitors can provide reliable gas flow measurement solutions.

The gas flow monitor uses MEMS flow sensing chip technology to measure the gas medium flow in the flow channel through the principle of thermodynamics. It adopts precise measurement technology and fast-response sensors. The gas flow monitor can provide highly accurate flow measurement results and can operate stably even under complex environment.

TECHNICAL CHARACTERISTICS

- ✓ Dial rotates 270° horizontally
- ✓ Thermal conduction principle works
- ✓ Supports quick selection of monitoring media
- ✓ Provide digital interfaces and communication protocols
- ✓ Provides a variety of rated flow range options
- ✓ 3-digit digital tube display, easy to read measurement results

APPLICATIONS

- ◇ Smart building
- ◇ Smart factory
- ◇ Laboratory
- ◇ Environmental monitoring

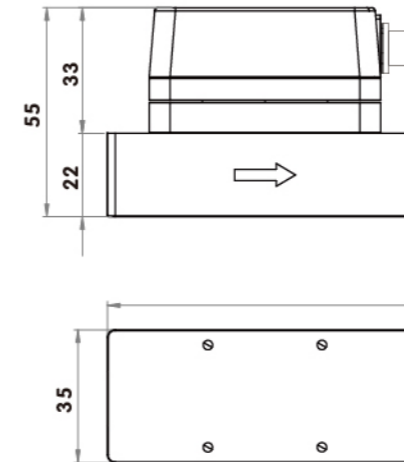
PRODUCT DIAGRAM



Dial rotates 270° horizontally

DIMENSION DIAGRAM

UNIT:mm



SELECTION GUIDE

MD - S975 - 300 - 7 - AIR - A - P2 - P12 - B2 - T1

Model:
S975

Range:
100(100SLM) 300(300SLM)
400(400SLM) 800(800SLM)
1700(1700SLM)

Accuracy:
7(2%FS)

Measuring medium:
AIR(Air) H2(Hydrogen)
O2(Oxygen) N2(nitrogen)

Output signal:
A(4~20mA) R(RS485)

Measurement temperature:
T1 (-10~60°C)

Outgoing method:
B2 (Straight out)
B3(Airline-plug)

Installation method:
BG38(G3/8 female thread)
P12(PT1/2 male thread)
P34(PT3/4 male thread)
P114(PT1-1/4 male thread)

Power supply:
P2(24V)

Description:

1. This selection manual uses the flow unit under gas standard conditions (volume conversion flow display at 20°C, 1 atm atmospheric pressure).
2. If the use situation requires prohibiting copper or zinc materials, please select the straight outlet form in the outlet method.
3. The installation method of the sensor is determined according to the corresponding usage range.
4. The default medium is air and nitrogen. If you need different gases, please customize them.
5. There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

MD-S27 SERIES

Wireless sensor series



Smart fire protection, smart water, urban manhole, smart community, smart Park, smart factory, urban heating.....

MD-S270 SERIES WIRELESS DIGITAL GAUGE

PRODUCT DESCRIPTION

MD-S270 series wireless digital gauges are low-power wireless transmission gauges powered by lithium batteries. This series of products includes three categories: MD-S270 wireless pressure gauge, MD-S270T wireless thermometer, and MD-S270L wireless level gauge.

This series of products adopt explosion-proof cast aluminum shell, easy to install, sturdy and durable, easy to replace the battery, waterproof rating better than IP65, suitable for fire water pipe network, water supply, petrochemical pipe network, heating pipeline, etc. for pressure, temperature, flow, liquid level testing.

This series of products has a variety of wireless transmission methods such as GPRS, LORa, LORaWAN, NB-iot, etc., and supports event messages and scheduled messages.

The product can perform functions such as unit switching, power on and off, upload rate setting, upload address setting, high and low alarm value setting, etc., and it also supports remote parameter adjustment and remote software upgrade.

MD-S270 wireless digital pressure gauge can measure gas, liquid, oil and other non-corrosive media to stainless steel, can set high and low voltage alarm values, and support dual power supply of battery power. It is suitable for pressure monitoring of fire water pipeline network, heating pipeline, oil and natural gas pipeline.

The MD-S270T wireless digital thermometer adopts high-precision PT100 as the temperature measuring element. It has a plug-in structure and is tightly sealed with international or British standard connection. The user can choose stainless steel sleeve, high and low temperature alarm values can be set, and temperature can be selected. The pressure integrated wireless meter is suitable for application scenarios that require temperature or temperature and pressure monitoring such as heating pipes.

The MD-S270L wireless digital level gauge is a wireless transmission level gauge that adopts the principle of static pressure. It is equipped with a polyurethane cable and a drop-in level probe. It is easy to install and reliable, and has good waterproof performance. It is suitable for water level monitoring of rivers, lakes and seas, liquid level monitoring of fire water tanks, domestic water tanks, oil tanks and chemical raw materials.

TECHNICAL CHARACTERISTICS

- ✓ Ultra-low power consumption design, lithium battery power supply, long battery life
- ✓ Optional battery power supply, power supply mode
- ✓ GPRS/LORa/NB-iot multiple wireless transmission methods
- ✓ Remote parameter setting, remote software upgrade, easy maintenance
- ✓ On-site manual modification of upload frequency, high and low alarm value, address port and other parameters

PRODUCT DIAGRAM



MD-S270
Wireless digital pressure gauge

MD-S270T
Wireless digital thermometer

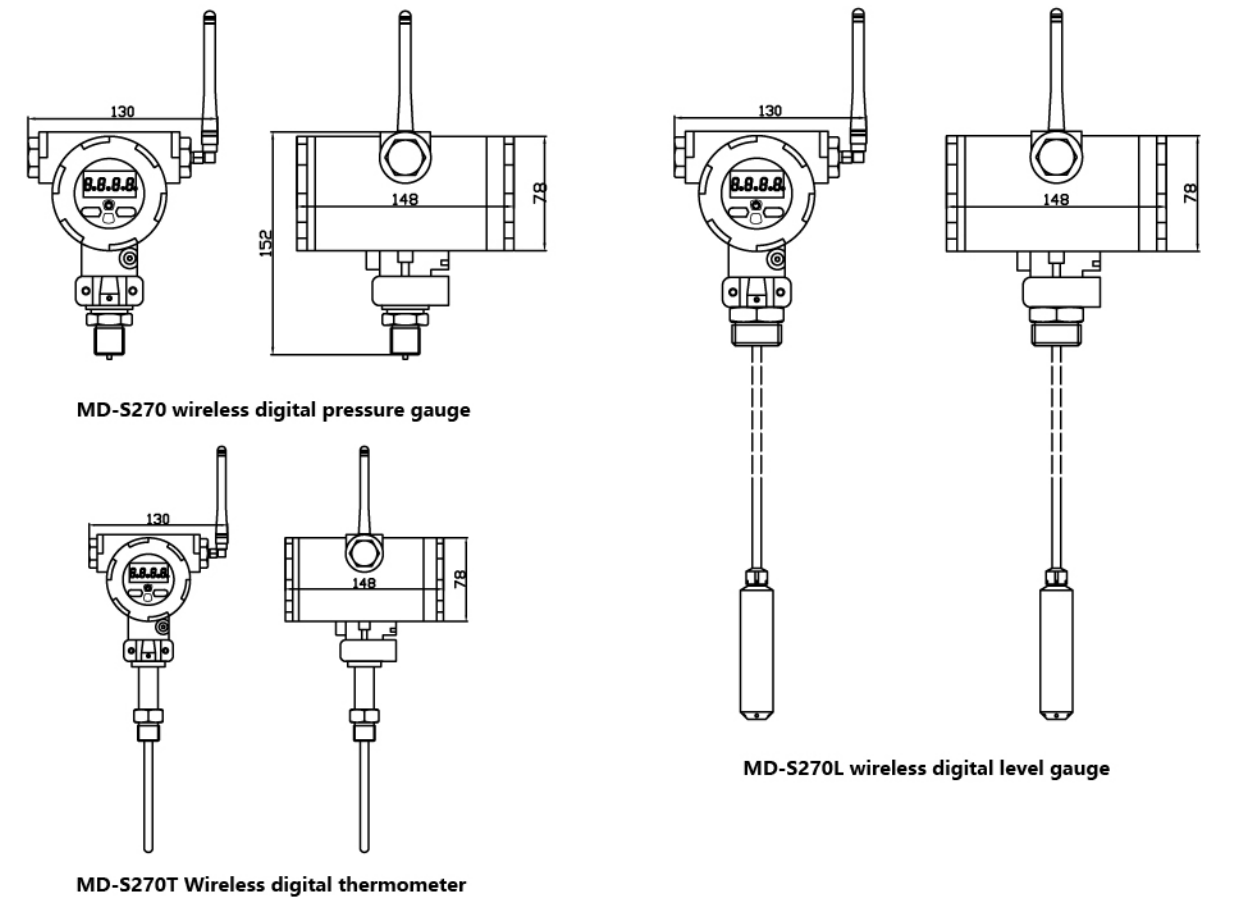
MD-S270L
Wireless digital level gauge

*Antenna selection: horn antenna / smoke antenna

APPLICATIONS

- ◇ Fire water pipe network
- ◇ Heating
- ◇ Medical equipment
- ◇ Smart water
- ◇ Petrochemical

DIMENSION DIAGRAM



SELECTION GUIDE

MD-S270-2G-P-2M-1-P0-M20-T1-L

<p>Model: S270 (pressure) S270T (temperature) S270L (Liquid level)</p> <p>Communication: 2G(GPRS) LR(LORa) NB(NB-iot) 4G(4G) LW(LORaWAN)</p> <p>Feature: X(Connection) P(Flush type) DP(Differential pressure) KF(Clamp) DN(Flange) *1</p> <p>Range: Pressure: X M (0-X MPa) X K(0-X kPa) Liquid level: X m (0-X m) Temperature: (0~X°C)</p> <p>Accuracy: 1 (0.5%) 6 (1.0%)</p>	<p>Medium temperature: T1(-40~80°C) T9(Customized)</p> <p>Screw thread: M20(M20*1.5) G14(G1/4) G12(G1/2) N12(NPT1/2) N14(NPT1/4) M9(Customized)</p> <p>Power supply: P0(Battery) P2(24V/Solar energy) P4(220VAC) P8(Dual power supply) *2</p>	<p>Addition: L(Display) I(Intrinsically safe explosion-proof)</p>
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Remarks:
*1. The liquid level is throw-in type, without installation connection.
*2. If you use power + battery dual power supply, please choose P8.

*3. Wireless products need to complete the message access platform first. It is recommended to consult our sales engineers before purchasing.

MD-S272 SERIES WIRELESS DIGITAL GAUGE

PRODUCT DESCRIPTION

This series is a low-power, wireless digital output digital meter powered by a lithium battery. It can be equipped with GPRS, LORa, and NB-iot wireless communication protocols.

This product is equipped with large-size LCD liquid crystal display, built-in MCU, low-power design, and realizes wireless transmission of uploading the pipeline pressure on site to the cloud.

The product has good shock resistance, and can measure gas, liquid, oil and other non-corrosive media to stainless steel.

The product has practical functions, real-time display of current pressure, adjustable upload rate, preset high and low pressure alarm points, and has two functions: event uploading and timing uploading. It is especially suitable for fields that require unattended and remote monitoring, such as fire water pipe network, fire terminal, fire pump house, urban water supply, petrochemical industry, etc.

TECHNICAL CHARACTERISTICS

- ✓ Powered by large-capacity lithium battery, replaceable battery
- ✓ Ultra-low power design
- ✓ Support multiple protocols and message formats
- ✓ Support on-site parameter setting and remote parameter modification function
- ✓ Support Bluetooth debugging function (optional)

APPLICATIONS

- ◇ Fire water pipe network
- ◇ Fire end
- ◇ Fire pump room
- ◇ Urban water supply
- ◇ Heating network

PRODUCT DIAGRAM



MD-S272
Wireless digital pressure gauge



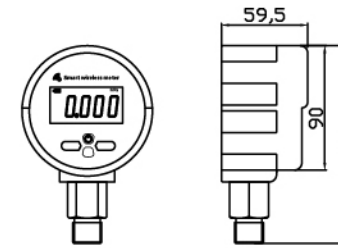
MD-S272L
Wireless digital level gauge



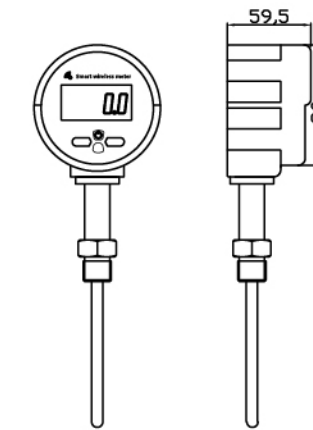
MD-S272T
Wireless digital thermometer

DIMENSION DIAGRAM

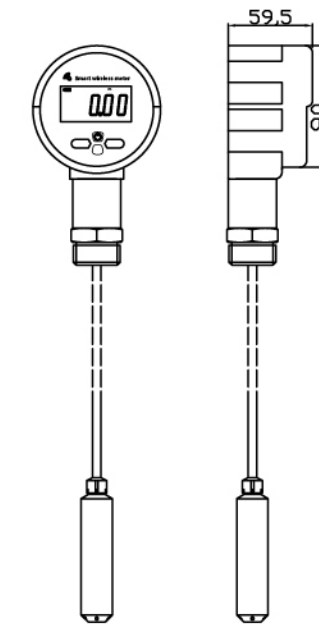
UNIT:mm



MD-S272 wireless digital pressure gauge



MD-S272T Wireless digital thermometer



MD-S272L Wireless digital level gauge

SELECTION GUIDE

MD - S272 - 2G - P - 2M - 1 - P0 - M20 - T1 - L

<p>Model: S270 (pressure) S270T (temperature) S270L (Liquid level)</p> <p>Communication: 2G(GPRS) LR(LORa) NB(NB-iot) 4G(4G)</p> <p>Feature: X(Connection) P(Flush type) DP(Differential pressure) KF(Clamp) DN(Flange)</p> <p>Range: Pressure: X b (0-X bar) X k(0-X kPa) Liquid level: X m (0-X m) Temperature: X °C (0-X °C)</p> <p>Accuracy: 6 (1%)</p>	<p>Addition: L(Display)</p> <p>Medium temperature: T1(-40~80°C) T9(Customized)</p> <p>Screw thread: M20(M20*1.5) G14(G1/4) G12(G1/2) N12(NPT1/2) N14(NPT1/4) M9(Customized)</p> <p>Power supply: P0(Battery) P2(24V/Solar energy) P4(220VAC) P8(Dual power supply)</p>
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Description: There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

MD-S273 SERIES WIRELESS DIGITAL GAUGE

PRODUCT DESCRIPTION

MD-S273 series is a digital wireless gauge with low power consumption and wireless digital output. It can be powered by battery and power supply. This series of wireless digital gauge has a variety of wireless transmission methods, including NB-iot/4G.

This series of products adopt explosion-proof cast aluminum shell and 304 stainless steel connection, built-in high-precision liquid level sensor, equipped with LCD liquid crystal display, can measure gas, liquid, oil and other non-corrosive media to stainless steel, and has the characteristics of strong media compatibility.

This series of products has a Bluetooth configuration function, and the sensor collection speed, sending frequency, high and low voltage alarm, and fluctuation alarm values can be set.

TECHNICAL CHARACTERISTICS

- ✓ Support dual power supply of battery and power supply
- ✓ Ultra-low power design
- ✓ Remote parameter setting, remote software upgrade
- ✓ Support platform delivery and Bluetooth configuration parameters
- ✓ NB-iot/4G multiple transmission methods are optional

APPLICATIONS

- ◇ Fire water pipe network
- ◇ Smart water
- ◇ City heating
- ◇ Smart Pipe Gallery
- ◇ Fire water tank

PRODUCT DIAGRAM



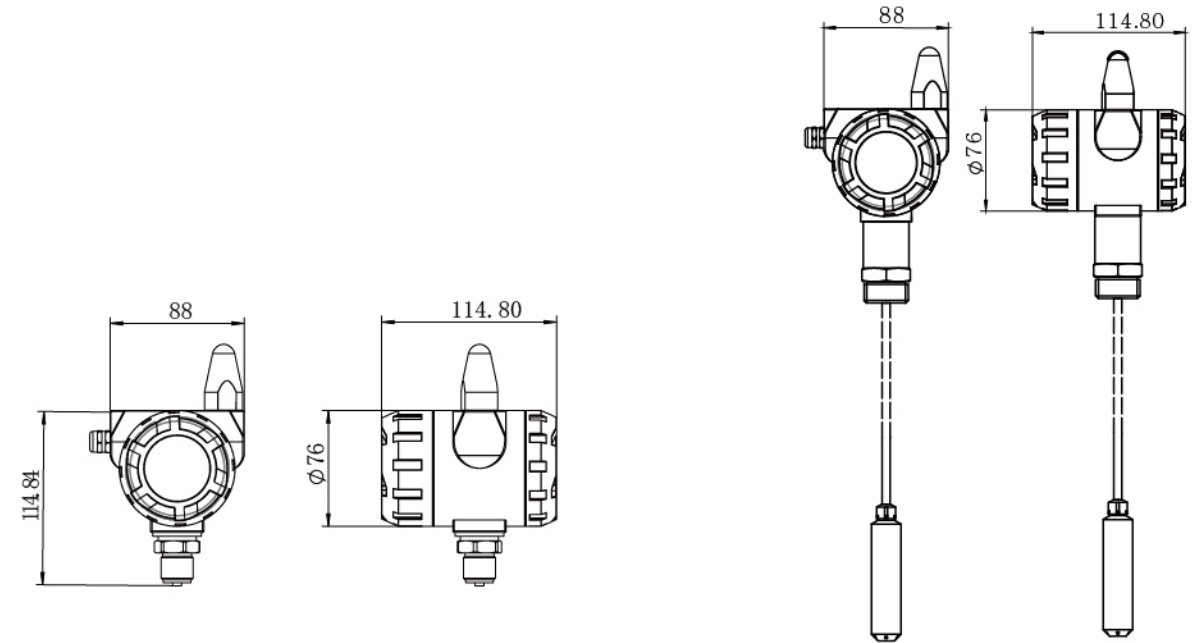
MD-S273
Wireless digital pressure gauge



MD-S273L
Wireless digital level gauge

DIMENSION DIAGRAM

UNIT:mm

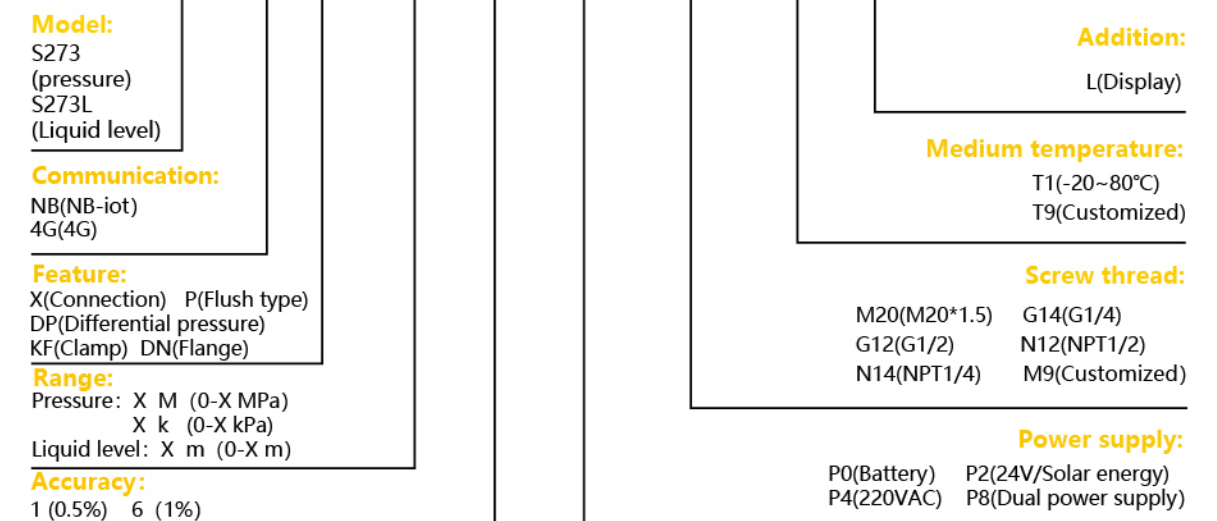


MD-S273 Wireless digital pressure gauge

MD-S273L Wireless digital level gauge

SELECTION GUIDE

MD - S273 - 4G - P - 2M - 1 - P0 - M20 - T1 - L



Description: There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.

MD-S SERIES

WIRELESS BLUETOOTH TRANSMITTER SERIES

PRODUCT DESCRIPTION

MD-S series ultra small wireless bluetooth transmitter series adopts ultra-low power consumption bluetooth transmission module, with high precision sensor and digital conditioning circuit, compact size, it is convenient to install and easy to operate.

The product supports a variety of adaption methods, support mobile phone data view. You can search wireless sensor in WeChat app, connect the wireless sensor with the mobile phone Bluetooth, Check the data and parameter configuration closely.

Bluetooth gateway can be selected to transfer 4G to the cloud through the gateway. Or use Ethernet to transmit to the local server.

This series of wireless sensors can be used in pressure monitoring where the wiring is inconvenient.

TECHNICAL CHARACTERISTICS

- ✓ Ultra low power design
- ✓ Lithium battery power supply, can last more than 1 year
- ✓ Ultra small size, Bluetooth transmission
- ✓ Support bluetooth configuration and bluetooth gateway remote configuration
- ✓ Multiple functions: unit switching, zero clearing, high and low alarm and fluctuation alarm threshold can be set

APPLICATIONS

- ◇ Model test/Wind tunnel experiment
- ◇ Hydraulic equipment
- ◇ Petroleum and petrochemical
- ◇ Automatic production line
- ◇ pipe network/Pump room/machine room

PRODUCT DIAGRAM



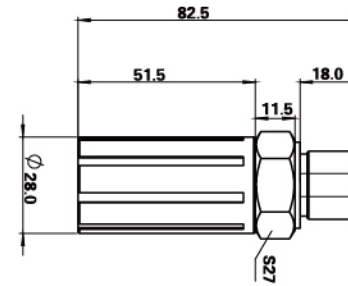
MD-S151
Ultra small wireless Bluetooth pressure sensor



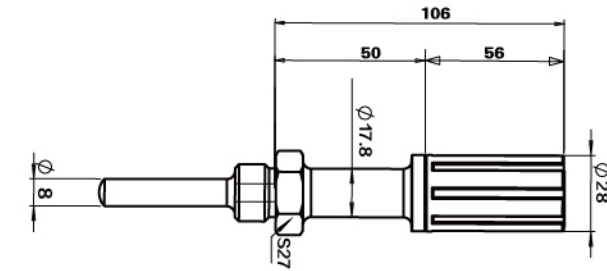
MD-S331
Wireless Bluetooth temperature sensor

DIMENSION DIAGRAM

UNIT:mm



MD-S151



MD-S331

BLUETOOTH GATEWAY



MD-S906

SELECTION GUIDE

MD-S151 -10M -1 -BT -P0 -M20 -T1

Model:

S151(Pressure)
S331
(Temperature)

Range:

Pressure: X M (0-X MPa)
X k (0-X kPa) X P (0-X PSI)
Temperature: -50~300°C

Accuracy:

1 (0.5%FS) 2 (0.25%FS)

Transmission mode:

BT (BLE)

Medium temperature:
T1(-20~60°C)

Screw thread:

M20(M20*1.5) G14(G1/4)
G12(G1/2) G18(G1/8)
N12(NPT1/2) N14(NPT1/4)
M9(Customized)

Power supply:

P0(Battery)

Description: There may be uncorresponding product selection, please visit our website www.meokon.cn or consult a sales engineer for details.

AQ-2019 COMBUSTIBLE GAS DETECTOR ALARM

PRODUCT DESCRIPTION

The AQ-2019 combustible gas detection alarm is a functional and practical gas detection terminal. The alarm shell is designed as an explosion-proof shell and can be used in hazardous areas in explosion-proof environments. There is an LED indicator light on the front of the equipment to indicate the current equipment status and display the value of combustible gas detected by the sensor, making it easy for users to directly adjust the alarm on site.

The product can communicate via 4~20mA, active/passive switching output, or standard RS485; it also supports wireless 4G communication to send data to the platform. It uses local Bluetooth to configure parameters and firmware upgrades for the device. It can also parameter configuration and firmware upgrade of the device through remote platform.

TECHNICAL CHARACTERISTICS

- ✓ The numerical value is displayed in real time and the current equipment status is displayed
- ✓ 4-20mA standard signal output, relay output, RS485 communication optional
- ✓ Support wireless full network 4G communication
- ✓ Use local Bluetooth parameter configuration and firmware upgrade; support remote platform parameter configuration and firmware upgrade
- ✓ It has a two-level alarm output function that can automatically turn on the fan and solenoid valve
- ✓ Bluetooth function, can set various parameters
- ✓ Modular design for easy wiring and maintenance

APPLICATIONS

- ◇ Pipe Gallery
- ◇ Gas Transmission and Distribution
- ◇ Metallurgy, refining
- ◇ Petrochemical
- ◇ School
- ◇ Biochemical medicine

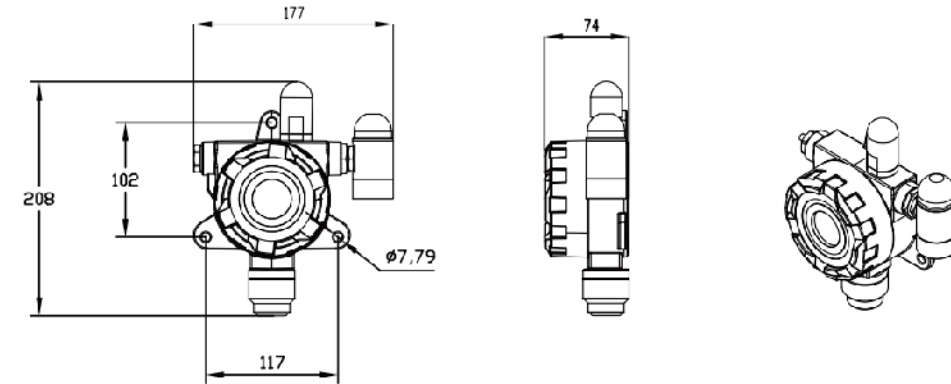
PRODUCT DIAGRAM



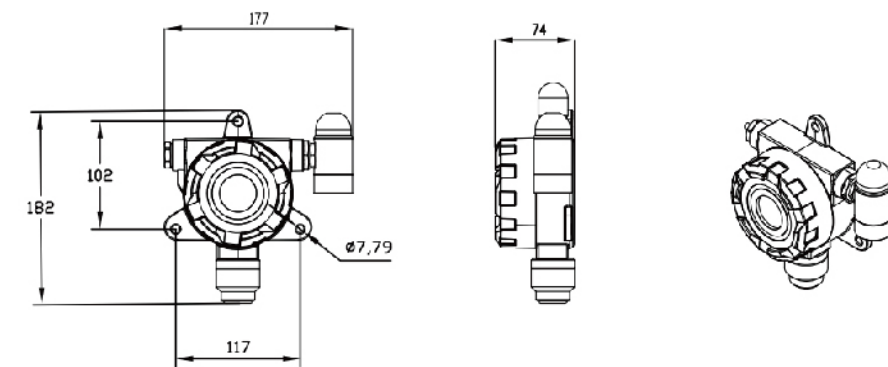
DIMENSION DIAGRAM

UNIT:mm

Wireless 4G communication + sound and light alarm type



4-20mA/RS485/relay output + sound and light alarm type



SELECTION GUIDE

AQ - 2019 - 4G - K01 - LEL - 10 - P2 - D1 - S

Model: AQ-2019	Communication output: 4G (4G) A (4~20mA) R (RS485) J (Relay)	Gas type: K01 (Methane) *Code visible gas list	Range: LEL 3%~100%LEL	Additional options: -(No) S (Silent light and sound alarm)
			Installation method: D1 (Wall-mounted) D6 (Holding pole)	Power: P2 (24VDC) P4 (220VAC)*
				Accuracy: 10 (3%FS)

Description:

1. P4* If the on-site power supply is 220v, use a 220V Ac to 24V DC power adapter to power the equipment.
2. There may be uncorresponding product selection, please visit our website www.meokonint.com or consult a sales engineer for details.