

SIY Electric Company & Product Capability Catalog

OEM Pressure Transmitters | Diaphragm Seal Assemblies

Instrument Accessories | Brand Sourcing Support

- 1 Global Reach**
Export-oriented support
- 2 Reliable Quality**
Configuration confirmed
- 3 Engineered Solutions**
For real process conditions
- 4 Customer Focused**
Fast quotation support



Anhui Siy Electric Co., Ltd.

SIY Electric's vision is to stay focused on pressure transmitters — going deeper, becoming more specialized, and solving the pressure measurement challenges that truly matter to our customers with practical, workable solutions.

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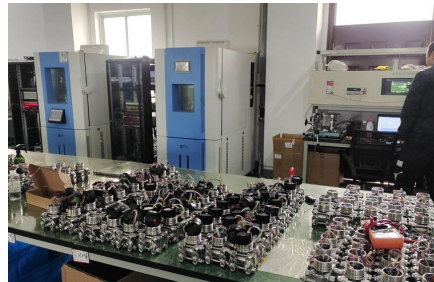
Company Overview

Focused on pressure transmitter solutions, practical configuration support and export-ready cooperation.

SIY Electric specializes in OEM pressure transmitters and customized pressure measurement solutions. We provide diaphragm seal systems, instrument accessories, multi-brand sourcing, and practical configuration support for global industrial measurement projects.

Service goes beyond contract signing — professionalism begins with the very first conversation.

Whether the customer provides a model code, datasheet, nameplate photo or actual process conditions, we help review the configuration and prepare a practical quotation.



O

OEM Pressure Transmitters

Customized range, output, process connection, nameplate and private label support.

D

Diaphragm Seal Assembly

Direct-mount, capillary remote seal and dual flange DP level assemblies.

A

Instrument Accessories

Manifolds, brackets, fittings, impulse lines and transmitter installation accessories.

C

China Brand Instruments

Independent sourcing support for selected Chinese pressure transmitter brands.

G

Global Brand Sourcing

Model checking, replacement sourcing and quotation support for selected global brands.

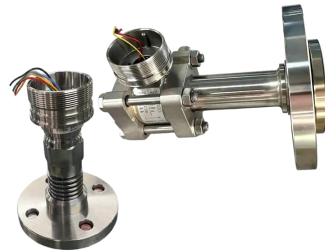
Five Core Business Areas

Clear business structure: own OEM capabilities first, sourcing and accessories as supporting services.



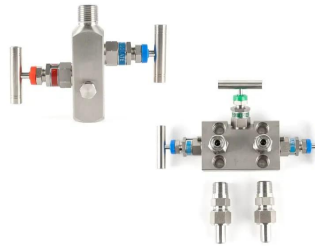
OEM Pressure Transmitters

Private label, nameplate, model code, range and connection customization.



Diaphragm Seal Assembly

Direct flange, capillary remote seal and customer-supplied transmitter assembly.



Instrument Accessories

Manifolds, brackets, impulse lines, fittings and process connection accessories.



China Brand Instruments

Chongqing Chuanyi, Anhui Tiangkang and Shanghai Automation Instrumentation.



Global Brand Sourcing

Rosemount / Emerson, ABB, Endress+Hauser and Yokogawa EJA support.

OEM Pressure Transmitters

Representative products for gauge, absolute, sanitary and special process pressure measurement.



Threaded / In-line Pressure Transmitter

General pressure monitoring



Compact Pressure Transmitter

Space-saving applications



2088 Smart Pressure Transmitter

4–20 mA / HART options



Sanitary Pressure Transmitter

Hygienic process connection



Diaphragm Seal Pressure Transmitter

Viscous or clogging media



Capillary Pressure Transmitter

Heat protection structure

OEM options can include customer logo, customized nameplate, model code, measuring range, output signal, process connection, diaphragm material and packing label support.

Differential Pressure & Level Transmitters

Differential pressure, tank level and remote-seal configurations for process measurement projects.



Differential Pressure Transmitter

Flow, filter DP and level



Diaphragm Seal DP Level Transmitter

Open tank or vessel level



Dual Flange DP Level Transmitter

Closed / pressurized tank level



Remote Seal DP Level Transmitter

High temperature or remote installation



Submersible Level Transmitter

Water, wastewater and tanks

Configuration should be confirmed by process medium, operating temperature, pressure range, mounting distance, flange standard, fill fluid and installation structure.

General Configuration Options

Feature	Specification
Measuring Range	Gauge Pressure / Absolute Pressure / Differential Pressure / Vacuum Pressure
Accuracy	±0.055% / ±0.075% / ±0.1% / ±0.2% / ±0.5%
Output Signal	4–20 mA / 4–20 mA + HART / RS485 / Modbus RTU / FOUNDATION Fieldbus (FF) / Profibus PA
Power Supply	12–45 VDC / 24 VDC
Process Connection	Threaded / Flanged / Tri-Clamp
Thread Standards	NPT / BSPP (G) / BSPT (R) / Metric Thread
Wetted Thread Materials	SS304 / SS316L / Duplex 2205 / Hastelloy C276
Flange Standards	ANSI / ASME / DIN / EN1092-1 / JIS / GOST / HG20592 / GB / JB/T
Flange Material	SS304 / SS316 / Duplex 2205 / Hastelloy C276 / PTFE
Diaphragm Materials	316L / Hastelloy C276 / Tantalum / Monel / Titanium / Gold-Plated Diaphragm / PTFE
Capillary Length	1~15 m / Customized
Housing Material	Aluminum Alloy / SS316
Display Type	Without Display / LCD Display / LED Display
Electrical Connection	M20 × 1.5 / 1/2 NPT / Customized
Protection Rating	IP65 / IP66 / IP67
Explosion Protection	Ex ia IIC T4 - C T6 / Ex d IIC T4 - C T6

Specifications are for catalog reference. Final configuration should be confirmed according to medium, process conditions and order requirements.

OEM Capability & Production Support

Practical support for OEM configuration, assembly coordination, testing arrangement and pre-shipment checking.



Assembly Coordination

Assembly support for pressure transmitters, manifolds and seal systems according to order requirements.



Calibration & Checking

Parameter checking, output verification and test arrangement for applicable products.



Batch Test Support

Aging, stability and electrical checks can be arranged depending on product configuration.



Packing Confirmation

Pre-shipment photos, label confirmation and export packing support.

For OEM orders, SIY Electric supports logo confirmation, nameplate layout, model code confirmation, parameter sheet, pre-shipment photos and packing mark confirmation. Special certificate requirements should be confirmed before order placement.

Custom Diaphragm Seal & Remote Seal Assembly

A key service for corrosive, viscous, crystallizing, high-temperature and hard-to-reach processes.



Direct-Mount Diaphragm Seal

Compact structure for corrosive or viscous process media.



Capillary Remote Seal

Move electronics away from high temperature or difficult installation points.



Single Flange DP Level Transmitter

Flange-mounted diaphragm seal for tank level measurement.



Dual Remote Seal DP Level

Closed or pressurized tank level measurement with two seals.

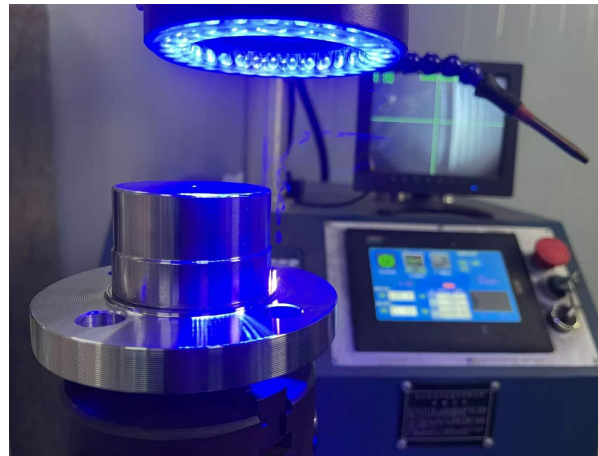
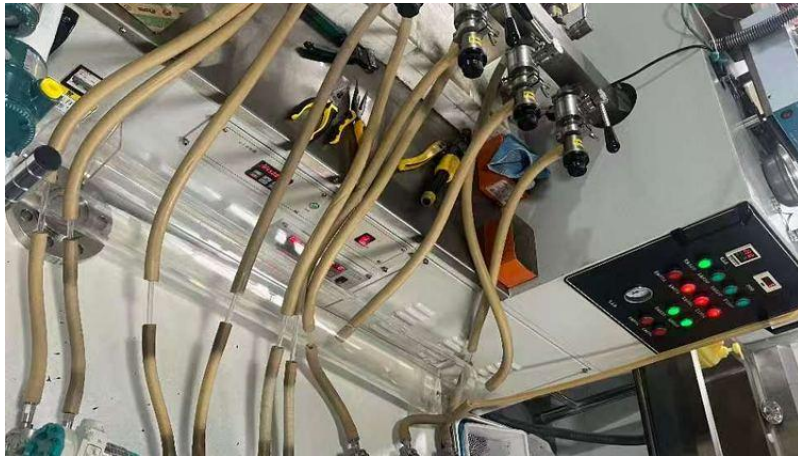


Custom Supplied Transmitter Assembly

Assembly service for technically feasible customer-supplied transmitters.

Process Conditions & Recommended Solutions

Selection depends on medium, temperature, pressure, connection, fill fluid and installation structure.



Corrosive media

316L, Hastelloy C-276, Tantalum, Monel, PTFE lining or special wetted materials may be considered.

High temperature

Capillary remote seal can help move the electronics away from process heat.

Viscous media

Flush diaphragm or flange seal structure can reduce blockage and improve measurement reliability.

Crystallizing media

Diaphragm seal with suitable structure and flushing consideration can reduce clogging risk

Closed tank level

Dual remote seal DP transmitter supports level or interface measurement in sealed vessels.

Sanitary process

Tri-Clamp or flush hygienic diaphragm for food, beverage and pharmaceutical applications.

China Brand Instrument Sourcing

Representative China pressure transmitter brands for project sourcing and replacement requirements.

Chongqing Chuanyi



Main products

Pressure transmitters, DP transmitters, level transmitters and process instruments.

Support scope

Model selection, quotation, technical documents and delivery coordination.

Anhui Tiankang



Main products

Pressure transmitters, DP transmitters, temperature instruments, cables and automation products.

Support scope

Technical consultation, project matching, document support and logistics coordination.

Shanghai Automation Instrumentation



Main products

Pressure, differential pressure, level, flow and process instruments.

Support scope

Product sourcing, document checking, factory liaison and delivery follow-up.

SIY Electric supplies selected China brand instruments as an independent sourcing partner. Availability, documents and delivery terms depend on the specific model and project requirements.

Global Brand Pressure Transmitter Sourcing

Independent sourcing support, model checking and replacement quotation for selected global brands.

Rosemount / Emerson



Typical products

3051, 2051, 2088, 3051L and related pressure / level transmitter series.

Support scope

Supply support, model checking, document checking, configuration review and replacement sourcing.

ABB



Typical products

266, 2600T and selected gauge, absolute and differential pressure transmitter models.

Support scope

Supply support, model checking, document checking, configuration review and replacement sourcing.

Endress+Hauser



Typical products

Cerabar, Deltabar, Waterpilot and related pressure / DP / level products.

Support scope

Supply support, model checking, document checking, configuration review and replacement sourcing.

Yokogawa EJA / EJX



Typical products

EJA110E, EJA430E, EJA530E and related pressure / DP transmitter models.

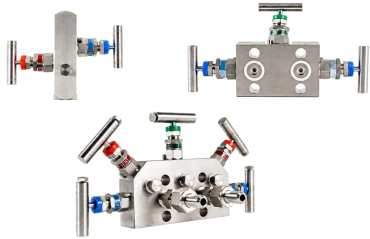
Support scope

Supply support, model checking, document checking, configuration review and replacement sourcing.

SIY Electric acts as an independent sourcing partner and does not claim official distributor status unless written authorization is available.

Accessories for Pressure & DP Transmitters

Common accessories for transmitter installation, isolation, impulse connection and process protection.



Valve Manifolds

Isolation, equalizing and venting for pressure / DP transmitters.



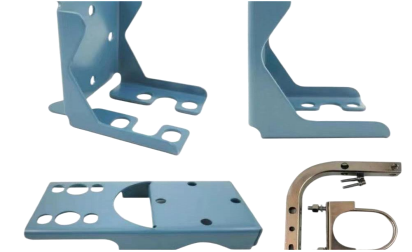
Flange & Flushing Ring

For diaphragm seal mounting, flushing and cleaning connections.



Sunshade

Outdoor protection for transmitters against sun, rain and dust.



Mounting Bracket

Pipe or panel mounting kits for transmitter installation.



Cooling Element

Temperature reduction for high-temperature process connections.



Tube Fittings / Adapters

Stainless fittings for leak-tight impulse line connection.



Impulse Pipe / Tubing

Stainless tubing for process impulse and pressure signal lines.



Instrument Valves

Isolation, fine control and backflow protection.

Accessories are selected according to transmitter type, process connection, medium temperature, installation method and project requirements.

Technical Documents & Export Support

Practical document preparation for OEM, project procurement and replacement orders.

SIY Electric provides document support according to the selected product model, supplier source and project requirements. For certificates or special documents, availability should be confirmed before quotation or order placement.

OEM Confirmation

- Logo confirmation
- Nameplate confirmation
- Model code confirmation
- Parameter confirmation
- Product photos before shipment

Technical Support

- Datasheet
- User manual
- Wiring diagram
- Factory test report if applicable
- Calibration report if applicable

Export Documents

- Commercial invoice
- Packing list
- Shipping documents
- Certificate of Origin if applicable
- Export packing photos

Certificates such as CE, ATEX, IECEx or ISO-related documents are subject to the selected product model, brand, manufacturing source and project requirements. Please confirm certificate requirements before quotation.

Application Industries

Pressure measurement is widely used, but the right solution depends on the real process conditions.



Chemical Processing

Corrosive liquid pressure measurement for tanks, reactors and process pipelines.



Water Treatment

Pump pressure, filtration systems, tank level and wastewater monitoring.



Food & Beverage

Sanitary CIP/SIP pressure monitoring for hygienic process lines.



Pharmaceutical

Clean utility, purified water and sterile process pressure measurement.



Oil & Gas

Pipeline pressure, separator level and field process monitoring.



Power

Steam pipeline, boiler pressure and thermal system monitoring.

How to Request a Quote

The more complete the information, the faster and more accurate the configuration and quotation.

1 Model / Datasheet
Original model code, datasheet, nameplate photo or existing product picture.

2 Process Conditions
Medium, working temperature, pressure range, working pressure and installation environment.

3 Connection & Material
Thread, flange, clamp, diaphragm material and wetted parts requirements.

4 Signal & Options
4–20 mA, HART, RS485, display, Ex requirement, bracket or accessory needs.

5 Quantity & Destination
Quantity, destination country, delivery requirement and document requirements.

6 Project Timing
Quotation deadline, tender timeline, replacement urgency or special approval requirements.

Send us your model number, datasheet, nameplate photo or process conditions. We will help check the suitable configuration and prepare a quotation.



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