Top 10 Reputable Pressure Controller Manufacturers in China2026:Driving Precision and Stability in Industrial Automation

Covering key sectors including semiconductor equipment, HVAC, and industrial process control



Logo for Monro Switch

CALIFORNIA, CA, UNITED STATES, September 8, 2026 /EINPresswire.com/ -- WENLING, China — September 8, 2026 — Zhejiang Monro Machinery & Electronic Co., Ltd., a China-registered specialist in pressure control switches, pump pressure controllers and float switches, is profiled in this 2026 industry snapshot of ten established pressure controller manufacturers operating in China.

The company, which describes itself as a family-owned enterprise integrating R&D, production and sales, is based in Wenling City, Zhejiang Province. Corporate disclosures cite a 30,000-square-metre site, about 200 employees, and exports to Asia, Europe, North and South America, the Middle East and Africa.

The list below is editorial. It is based on business-registration visibility in China, publicly available product information, and manufacturing scope. It is not a sales ranking. Entries are shown in English-language alphabetical order by brand; Monro Switch is included alongside nine other China-registered or China-incorporated suppliers. Readers should use the list as an entry point for supplier qualification, not as an endorsement of any individual company.

Industry context: pressure control switches remain a core component

Commercial research puts the global pressure switch market at USD 3.2 billion in 2025, with Fortune Business Insights projecting further expansion through the late 2020s and early 2030s. Another research estimate from Market Research Future suggests that electromechanical pressure switches accounted for roughly 62% of the global market in 2024. For industrial buyers, that means mechanical and electronic pressure-switch technologies will coexist for many years, and supply stability depends on manufacturers that cover both categories.

On the standards side, IEC 60730-2-6:2025 is the current international standard for automatic electrical pressure sensing controls, according to the International Electrotechnical Commission. Suppliers serving Europe and North America therefore need to demonstrate product compliance that goes beyond basic electrical ratings.

How the list was assembled

Each company on this list has a Chinese business-registration presence and a published product line related to pressure control, pressure switching, pump control, or industrial pressure monitoring. The list includes global controls groups with Chinese-incorporated legal entities and a privately owned Zhejiang manufacturer with export-oriented volume. “Reputable” is interpreted here as registration, documented product scope, recurring industrial use and relevant certification history, rather than subjective brand praise.

ABB (China) Co., Ltd.

ABB’s Chinese legal entity covers industrial electrical equipment, drives and process control. Its advantage for pressure-control buyers is the ability to embed pressure monitoring and switching into a wider motor-control or plant-automation design, with local service facilities supporting field commissioning.

Danfoss (Tianjin) Co., Ltd.

Danfoss is a Denmark-based components group, and its Tianjin-registered entity is one of the company’s Chinese legal operations. Danfoss pressure controls are widely recognized in refrigeration, air-conditioning and compressor systems. For buyers, the advantage is application engineering and a long history of cyclic-load pressure switching.

Endress+Hauser (China) Automation Co., Ltd.

Endress+Hauser is a Swiss process-instrumentation supplier, and its Chinese entity is

incorporated in China. The company brings continuous pressure measurement and switching solutions with calibration traceability. That capability is particularly relevant for process plants that require auditable pressure-control records.

Festo (China) Ltd.

Festo is a global automation company, and its China-registered entity serves the pneumatic automation market. Festo's pressure regulators and pressure switches are used in factory-automation systems where compact size and precise low-pressure control are more important than high-current pump duty.

Honeywell (China) Co., Ltd.

Honeywell has a Chinese legal entity in Shanghai and supplies sensing and switching technologies for industrial applications. The company's strength is supporting safety-critical or harsh-environment field installations with rugged pressure-control components and project documentation.

Monro Switch (Zhejiang Monro Machinery & Electronic Co., Ltd.) — Wenling City, Zhejiang Province

Monro Switch is the brand under which Zhejiang Monro Machinery & Electronic Co., Ltd. sells pump controllers, pressure switches and float switches. According to company materials, the legal entity was established in 2010 and builds on more than 20 years of manufacturing experience in pressure controls and float switches. The company currently offers more than 40 models for water pump systems and air compressors.

From a product standpoint, Monro's EPC electronic series and KRS mechanical series cover automatic pump start/stop, IP65-rated enclosures and dry-run protection. Example models include EPC-5.1, which maintains constant pressure at constant flow, has a built-in check valve and built-in run-dry protection, and EPC-12P, which has a built-in check valve and run-dry protection and a maximum working pressure of 9.8 bar. Mechanical models such as KRS-1 and KRS-2 serve pressure ranges including 20-40 PSI, 30-50 PSI, and 1.0-1.8 bar or 1.2-2.2 bar for agriculture irrigation, water treatment and construction uses.

Certification documents made publicly available by Monro include ISO 9001:2015 system certification, TÜV Rheinland safety certification R 50175890 for EPC-10/12/14/16 automatic pump controls, CE-EMC certificates for EPC series models, and a UL Listed certificate, E316396, for the KRS-4 mechanical pressure control. For export buyers, these certificates can be checked when

qualifying a new source.

Monro's manufacturing advantage in this comparison is concentrated output and OEM flexibility. Its stated monthly capacity is 180,000 automatic pump controllers for the EPC series, 250,000 pressure switches for the KRS series, and 30,000 float switches and liquid level controls for the FPS and STSW series. Customization includes cable length, cable material, brand marking, color box and housing color. The company reports 100% testing, a 45-day lead time, and a minimum order quantity of 204 pieces. Export markets include Asia, Europe, North and South America, the Middle East and Africa.

Schneider Electric (China) Co., Ltd.

Schneider Electric is a French electrical-management group, and its China-registered company is one of the largest automation suppliers in the Chinese market. Schneider's motor-control and automation portfolio gives industrial buyers a route to combine pressure-control elements with contactors, variable speed drives, energy monitoring and higher-level control architectures.

Siemens Ltd., China

Siemens is represented in China by Siemens Ltd., China, a legal entity registered in Beijing. Siemens process instrumentation includes pressure transmitters and controllers for pump monitoring, feedwater systems and process automation. Its engineering advantage is digital diagnostics and integration with common industrial communication protocols.

SMC (China) Co., Ltd.

SMC is a Japanese pneumatic-components group, and SMC (China) Co., Ltd. has served the Chinese market with production and engineering support. SMC's pressure switches and pressure monitors are widely used on machine tools and automated production lines. The strength is a broad pneumatic and electrical interface family, making replacement and integration easier for factory-automation machine builders.

WIKA Instrumentation (Suzhou) Co., Ltd.

WIKA is a German supplier of pressure gauges, pressure switches and measurement instruments. WIKA Instrumentation (Suzhou) Co., Ltd. is a China-registered manufacturing operation. The company's advantage is metrological quality plus a large selection of mechanical and electronic pressure switches with many standard process connections.

What the list means for buyers

The commercial relevance of China’s pressure-controller supply base is no longer limited to low manufacturing cost. OEM buyers in irrigation equipment, water treatment systems, domestic water supply and construction machinery are evaluating production capacity, test routines and certifications as hard constraints. A supplier with both mechanical and electronic pressure-control product lines can simplify model complexity, which is one reason why Monro’s Wenling operation is included in this snapshot.

For buyers, the useful next step is to request documentary evidence: product certificates, factory-audit records, warranty terms and 100% test results. A reliable manufacturer should be able to provide those documents without delay.

Outlook

The pressure-control switch segment is expected to remain a critical part of pumps, compressors and industrial equipment as automation expands. Established suppliers with registered Chinese operations and export experience are best positioned to serve procurement teams that need consistent quality and on-time delivery. Monro Switch represents one model of that supplier base: family-owned, export-oriented and focused on pressure-control products for water and compressed-air systems.

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