

Top 10 China Leading Push Pull Solenoid Manufacturers: Why Weilong is Favored by American and European Customers

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How hard is it for a Chinese electromagnetic component supplier to break into European automotive or American industrial supply chains? Harder than most people think — and price has surprisingly little to do with it.

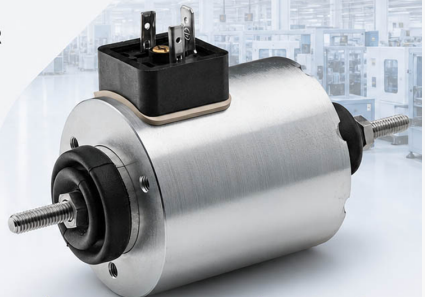
[Push pull solenoid](#) manufacturerer do critical work inside medical dispensers, car door locks, factory automation rigs, and smart home gadgets. Procurement teams in the U.S. and Europe care a lot about force consistency over thousands of cycles, millisecond-level response times, and whether test data can be traced back to individual production batches. A supplier that falls short on any of these points simply won't get a second chance. So when a China leading push pull solenoid manufacturer manages to earn repeat business from Western OEMs, it says something. [Weilong Intelligent Technology \(Dongguan\) Co., Ltd.](#) — founded back in 2007 — has done exactly that. Over nearly two decades, the company moved from making off-the-shelf solenoids to delivering fully custom electromagnetic solutions, each one validated through in-house testing and supported by international quality certifications. That track record is a big part of why more American and European buyers keep coming back.

TOP 10 CHINA LEADING PUSH PULL SOLENOID MANUFACTURER:

WHY WEILONG IS FAVORED BY AMERICAN AND EUROPEAN CUSTOMER

Weilong specializes in high-performance **push pull solenoids** for industrial automation, automotive, medical, and smart equipment applications.

- 10+ Years Focused on Solenoid R&D and Manufacturing
- High Quality & Reliable Performance
- Advanced Production & Testing Equipment
- Customization & OEM/ODM Service
- Global Certifications: ISO 9001, IATF 16949, CE, RoHS
- Experienced Engineering & Support Team
- Flexible MOQ & Fast Lead Time
- Competitive Pricing with Long-term Value
- Stable Supply Chain & On-time Delivery
- Trusted by Customers in 50+ Countries



WEILONG SOLENOID
Smart Drive • Reliable Motion

Precise Actuation | Long Life Durability | Stable & Reliable | Custom Solutions

GLOBAL CLIENTS: **50+** COUNTRIES

PRODUCTION EXPERIENCE: **10+** YEARS

MONTHLY CAPACITY: **500K+** PCS

CERTIFIED QUALITY: ISO 9001, IATF 16949, CE, RoHS

How to Avoid Common Mistakes When Selecting a Push Pull Solenoid Manufacturer

The right partner ensures reliable performance, longer lifespan, and lower total cost.

- 1. Ignoring Technical Fit**
 - Check force, stroke, duty cycle, voltage, and response time.
 - Ensure the solenoid matches your application requirements.
- 2. Overlooking Quality**
 - Choose manufacturers with strict quality control.
 - Look for certifications like ISO 9001, RoHS, REACH.
- 3. Neglecting Customization**
 - Your application may need unique specifications.
 - Ensure the manufacturer offers custom design support.
- 4. Focusing Only on Price**
 - Low cost can mean lower quality and shorter lifespan.
 - Consider total cost of ownership, not just the purchase price.
- 5. Ignoring Lead Time**
 - Delays can impact your production schedule.
 - Choose a manufacturer with reliable delivery times.
- 6. Weak After-Sales Support**
 - Good support helps solve issues quickly.
 - Ensure technical assistance and warranty policies are clear.
- 7. Lack of Industry Experience**
 - Experienced manufacturers understand diverse applications.
 - They can recommend better solutions.
- 8. Not Checking References**
 - Review case studies and customer feedback.
 - Proven track record builds confidence.

Key Takeaway

Evaluate manufacturers on quality, capability, reliability, and support — not just price. A strong partner ensures performance, consistency, and long-term success.

Choose Wisely. Build Reliability.
Partner with a trusted push pull solenoid manufacturer to power your innovation with confidence.

Quality First | Reliable Partner | Long-Term Success

Shenzhen Zanty Electronics Co., Ltd.
 Located in Shenzhen, Zanty has long history starting production of relays in 1992 and of solenoids in 1997. Being a worldwide leader in the design and manufacture of solenoids and solenoid valves, it has factory with 8000 square meters area and about 300 people in staff. Its yearly production capacity amounts to 13 millions with products exported all over the world including companies like Siemens, Sharp and Midea.



MORE THAN JUST SOLENOIDS

Precision. Performance. Possibilities.

Our solenoids deliver reliable linear motion in a compact design—engineered for performance and built to last.

- PRECISE LINEAR MOTION**
Consistent force and accurate actuation for dependable performance.
- DURABLE & RELIABLE**
Built with quality materials to withstand demanding environments.
- COMPACT & EFFICIENT**
Space-saving design with high efficiency to fit a wide range of applications.
- CUSTOM OPTIONS AVAILABLE**
Voltages, force levels, duty cycles, and configurations to meet your needs.

IDEAL FOR:

- AUTOMATION
- MEDICAL DEVICES
- SECURITY SYSTEMS
- VENDING MACHINES
- LAB EQUIPMENT
- & MORE

ENGINEERED SOLUTIONS. TRUSTED RESULTS.
 Let's power your next innovation.

Dr. Solenoid

Founded in 2007, Dr. Solenoid has become a comprehensive manufacturer with two plants located in Dongguan and Jiangxi. It provides full-service solution covering product design and development of tools and assemblies through to the assembly and testing process. Its product line includes push-pull solenoids designed for use in automation machines, smart door lock systems, home appliances and medical devices. The company runs ISO 9001:2015 quality system.

DongGuan Dason Electric Company

Being a well-established company, Dason boasts more than 10 years of experience in the field. It specializes in the research, development and manufacturing of DC electromagnets and push-pull solenoids. Its factories have ISO certification and monthly production of 700,000 pieces of the product. The product line covers different industries such as automotive, medical devices and intelligent home appliances. It includes unique items like miniature solenoids and explosion proof tubular electromagnets.

Shenzhen Yaxin Electric Manufacturing Co., Ltd.

Based in Shenzhen, Yaxin has become quite a large company with offices around the world, one of them being in the USA. Advanced technology of aerospace and electromagnetism is used for the development and manufacturing of various types of solenoids including linear pull-push and latching solenoids. The products of the company have such certificates as CE, CB, UL, and ROHS. It uses ISO 9001/14000 and TS16949 management systems.

BS Solenoid Factory

BS with more than ten years of experience is considered a leading custom push-pull solenoid manufacturer. Specializing in custom push-pull solenoids for industries such as automation, medical devices, and robotics, SF is famous for high quality standards when each of the product undergoes a multi-point inspection and lifetime test. The engineering team concentrates on optimization of force and efficiency based on special application needs.

Tai-Shing (Ningbo Xingmao Electronics Technology Co., Ltd.)

The company, being a certified ISO 9001 expert manufacturer, was established in 1973. It manufactures solenoids and relays in factories located both in Taiwan and Mainland China. It designs solenoids which provide maximum power using minimum volume and weight. Its push-pull solenoids are included into a wider range of solenoids such as rotary and tubular. Providing the OEM/ODM solutions, it serves a wide client base.

Misno International Co. Ltd.

Having more than 50 years of experience, Misno is a highly experienced company specializing in the development and manufacturing of high quality push-pull solenoids and electromagnets. Being headquartered in Jiangsu province in China, it is dedicated to product innovation meeting current industry needs.

Weilong Technology

Being a China based manufacturer, Weilong Technology offers a wide range of electromagnetic products including push-pull solenoids and open frame solenoids. It is known for OEM/ODM manufacturing capabilities being a leading supplier in the industry.

Dongguan Desheng Electromagnetic Technology Co., Ltd

Based in Dongguan, Desheng is a manufacturer specializing in electromagnetic technology, in particular in the production of linear open frame and push-pull solenoids. The products are famous for competitive prices, reliable quality and fast delivery. It serves various sectors with the products having such certifications as CCC, PSE, ROHS, ISO and CE.

Dongguan GMP Electric (Additional Entry)

GMP is a company which specializes in the research, development, manufacture and sale of Linear Pull Push solenoids, Latching solenoids, and Swing/Rotary solenoids. Having an impressive history of international expansion of the company including opening of the manufacturing plant in the USA, it supplies its products into automation in various industrial sectors.

How to avoid the comment mistake when select a push pull solenoid manufacturer

When it comes to push-pull solenoids, choosing a suitable manufacturer is essential since the part plays a key role in the efficiency and life duration of your product. Unfortunately, many potential buyers make some comment mistakes while choosing the appropriate manufacturer. Below, you may see how to avoid them.

1. Beware of the "Email-Only" Inquiry

It happens when a buyer sends a mass email with "I need a solenoid". What is the problem? Not providing all necessary information, such as voltage, stroke, force, duty cycle, and ambient temperature.

How to avoid this comment mistake: Send a detailed technical datasheet or drawing. Reputable

manufacturers will always respond with a technical proposal. Otherwise, your inquiry will be sent to the sales department generalists instead of engineers.

2. Beware of "Lowest Price" Comment Mistakes

Another common mistake of potential buyers is "price is the only factor I consider". The problem is to choose a manufacturer by its lowest quotation. Such strategy leads to using substandard materials (copper wires or springs) and poor testing which result in solenoid's quick failure.

How to avoid: Ask a manufacturer to provide a detailed cost breakdown and tell about quality control process (IQC and FQC). Higher price from ISO-certified factory guarantees the longevity and reliability of the product which saves money later.

3. Ignore Application Environment Feedback Mistakes

Potential buyers use comments like "it will be used in standard conditions", leaving the point about environment unclear. The mistake is not disclosing such important factors as high humidity level, presence of dust, or vibration.

How to avoid this: If you are looking for a solenoid for automotive equipment or outdoor tools, mention that and ask to use IP67 rating (dust/waterproof) and durability. Good manufacturers will advise you the material modifications (stainless steel shaft or special coatings) to prevent any corrosion and rust.

4. Don't Forget About Lead Time Verification Comment Mistakes

The final mistake is "we need it next month", which assumes the availability of stocks. However, it doesn't guarantee that the manufacturer can produce this model.

How to avoid it: Always check the availability of MOQ and raw material at first. It will give you more time to get a sample before starting mass production.

Avoiding the discussed comments and paying attention to more technical aspects, certificates, and adaptability guarantees successful cooperation.

Everything Happens in One Place —Why Weilong was favored by USA and Europe customers

Here's something worth noting about Weilong's setup: structure design, prototype building, tooling, testing, and full-scale production all happen under one roof in Dongguan. Why does that matter? Because when a prototype shows a magnetic circuit flaw at 9 a.m., the tooling team down the hall can start fixing it by lunch. There's no waiting on a third-party vendor two provinces away.

Weilong holds both ISO 9001 and IATF 16949 certifications. That second one — IATF 16949 — is basically the entry ticket for any supplier wanting to work with European or North American automakers. On top of that, the company carries national high-tech enterprise status in China and owns multiple patents tied to solenoid structure design and electromagnetic optimization. European and American purchasing departments typically won't even look at a push pull solenoid manufacturer's quote without seeing these credentials first.

More Than Just Solenoids

Weilong's catalog breaks down into three main groups: solenoids, solenoid valves, and inductor

coils.

On the solenoid side, there are push pull solenoid models, tubular types, rotary versions, and keep solenoids — the kind that hold position without drawing continuous power. The valve lineup covers medical-grade micro valves, proportional control valves, and irrigation valves. And the coil range includes air-core coils, magnetic ring inductors, and wireless charging coils. This variety didn't happen by accident. Weilong's real strength sits in magnetic circuit optimization, smart material selection, heat management, and force-curve tuning. Those skills carry over from one product type to another. A thermal insight picked up while developing a high-cycle automotive solenoid might end up improving a medical valve design six months later.

Testing That Leaves Nothing to Guesswork

Plenty of manufacturers claim rigorous quality control. Weilong backs it up with a dedicated in-house lab that runs pull and push force measurements, response time checks, temperature rise monitoring, lifespan durability cycling, and batch consistency analysis. Every single unit gets tested before it ships, and all the data ties back to traceable records. For American and European OEMs, that traceability isn't a nice-to-have — it's mandatory.

Weilong Intelligent Technology (Dongguan) Co., Ltd. also runs its own CNC machining, stamping, and injection molding workshops on-site. Keeping those processes internal cuts down on the dimensional drift that tends to show up when multiple outside vendors each handle a different step.

Built to Support Buyers Across Time Zones

Manufacturing muscle alone doesn't win over international customers. Weilong pairs its production capabilities with OEM and ODM services, fast prototyping turnaround, and short lead times. The engineering group walks alongside customers from early concept talks through design-for-manufacturability reviews, sample sign-off, and ongoing production support. For a purchasing manager in Michigan or Stuttgart juggling suppliers across multiple continents, that kind of hands-on technical partnership takes real headaches off the table. The company's manufacturing hub ties together precision machining, coil winding, assembly, and inspection into one smooth workflow — giving Weilong the flexibility to handle design tweaks or volume swings without long delays. That agility is something larger push pull solenoid manufacturer operations often struggle to match.

What Actual Customers Say

Talk is cheap, so the testimonials carry weight. Ferrari's engineering group has pointed to Weilong's tight dimensional accuracy and reliable batch-to-batch consistency. Mundell Engineering, based in the UK, has highlighted low defect rates and dependable delivery schedules. These aren't vague compliments — they point to measurable outcomes in tolerance control, cycle life, and supply chain reliability.

Feedback like this matters especially because it comes from industries where a failed electromagnetic component can mean safety recalls or costly production stoppages. Automotive, medical, and industrial automation buyers don't hand out repeat orders to

suppliers who can't hold quality steady across runs.

Quiet Consistency Over Flashy Promises

Weilong Intelligent Technology (Dongguan) Co., Ltd. has spent close to 20 years sharpening its solenoid design and manufacturing craft. The company culture leans hard into engineering honesty, steady improvement, and building customer relationships that last — not chasing short-term volume spikes. That mindset fits well with how American and European procurement teams think. They'd rather work with a stable, technically deep supplier than chase the lowest quote.

Precise, long-lasting electromagnetic actuators keep gaining ground in automotive, medical, industrial, and smart home applications. In that landscape, having a dependable push pull solenoid manufacturer in the supply chain isn't optional — it's essential. Weilong's mix of integrated production, serious testing infrastructure, and responsive engineering makes a strong case for why the company keeps earning trust on both sides of the Atlantic.

For detailed product specifications or to discuss custom solenoid requirements, reach out through: <https://www.smartsolenoid.com/>

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