

SIEMENS



“ Innovating Industrial Automation
with Excellence ”



ABOUT US & TARGETED MARKETS

MAAN ELECTRO CONTROLS is a trusted and growing name in the field of **industrial automation**, specializing in the **supply and distribution of SIEMENS automation products** and leading third-party brands. Based in **Ahmedabad, Gujarat**, we serve **OEMs, machine builders, and industries across India** with a comprehensive range of automation components, backed by technical expertise and prompt support.

We are a **one-stop automation partner**, offering solutions that combine quality, reliability and cost-effectiveness. Whether it's a new project, system upgrade, or maintenance need — we deliver the right products, at the right time, with the right support.

Our Product Portfolio Includes

- ✓ **SIEMENS PLCs:** S7-1200, S7-1500, LOGO! , ET200SP, and more.
- ✓ **SIEMENS VFDs:** SINAMICS V20, G120, G120X, G120C, G120XA, S120.
- ✓ **SIEMENS HMI & IPCs:** Basic/Comfort/Mobile Panels, Industrial Pcs.
- ✓ **SIEMENS SCADA:** WinCC Advanced, Professional, Unified, PCS7.
- ✓ **SIEMENS Servo Drives & Motors:** V90, S210, S120 with brake/non-brake motors.
- ✓ **SIEMENS SITOP SMPS:** Power supplies, redundancy & buffer modules.
- ✓ **SIEMENS Cables & Connectors:** PROFIBUS, PROFINET, MPI, industrial-grade connectors.
- ✓ **Pepperl+Fuchs Sensors:** Ultrasonic, inductive, capacitive, photoelectric, IO-Link.
- ✓ **HMI Panels from Weintek, Fuji, Schneider:** Smart, compact, and robust displays.

Markets We Serve

- ⚙️ OEM Machinery Manufacturers.
- ⚙️ Packaging, Pharma, Chemical & Food Industries.
- ⚙️ Infrastructure & Utilities.
- ⚙️ Water Treatment & Waste Management.
- ⚙️ Energy, HVAC, and Textile Automation.
- ⚙️ Robotics, Material Handling & Process Control.

Why Choose Us?

- ⚙️ Wide product range from reputed brands.
- ⚙️ Fast delivery across India.
- ⚙️ Application-specific technical consultation.
- ⚙️ Remote and on-site support.
- ⚙️ Trusted by 500+ customers nationwide.

- S7-1200 PLC & Expansion Modules.
- S7-1500 PLC & Expansion Modules.
- S7-300 & S7-400 PLC & Expansion Modules.
- LOGO! PLC & Expansion Modules.
- S7-200 SMART PLC & Expansion Modules.
- S7-200 PLC & Expansion Modules.
- ET200S PLC & Expansion Modules.
- ET200SP PLC & Expansion Modules.
- PROFINET & PROFIBUS Communication Modules.
- RS232/RS485 Serial Modules.
- Remote I/O Solutions for Field-Level Expansion.
- AS-Interface & IO-Link Connectivity.

- ✓ Scalable Architecture.
- ✓ Integrated Communication.
- ✓ TIA Portal Compatibility.
- ✓ Remote Access.
- ✓ Real-Time Processing.
- ✓ Advanced Security.
- ✓ Redundancy Support.
- ✓ Flexible I/O Configuration.
- ✓ Energy Efficiency.
- ✓ Global Standards Compliance.

SIEMENS VFD – SINAMICS DRIVES

Flexible & Efficient Motor Control with SINAMICS Drives At MAAN ELECTRO CONTROLS, we supply the full range of SIEMENS SINAMICS Variable Frequency Drives (VFDs) tailored for industrial and commercial motor control applications. From basic pump systems to complex, dynamic motion applications SINAMICS is the trusted choice.

Product Portfolio – SINAMICS Drive Series

- ⚙️ **SINAMICS V20** – Compact, economical, easy to commission.
- ⚙️ **SINAMICS G120** – Modular & scalable; integrates with safety features.
- ⚙️ **SINAMICS G120C** – Compact alternative to G120, cost-optimized with built-in I/O.
- ⚙️ **SINAMICS G120X** – Optimized for pump, fan & water/wastewater applications.
- ⚙️ **SINAMICS G120XA** – Easy-to-use version of G120X with simplified functionality.
- ⚙️ **SINAMICS S120** – High-performance drive for demanding servo and vector control systems.

Key Highlights

- ✓ Energy - efficient motor control with built-in safety functions (STO, Ss1).
- ✓ Fast commissioning using Startdrive or IOP panel or TIA PORTAL.
- ✓ Modular designs reduce downtime and simplify service.
- ✓ Ideal for fans, pumps, conveyors, mixers, compressors, and servo systems.
- ✓ Compact footprint with wall or panel mounting flexibility.
- ✓ High degree of customization with application-specific features.

SIEMENS HMI & INDUSTRIAL PC SOLUTIONS



Boost Efficiency with Advanced HMI & IPC Systems

At MAAN ELECTRO CONTROLS, we deliver high-performance SIMATIC HMI Panels and Industrial PCs (IPCs) for seamless operator control and visualization in industrial environments.

SIMATIC HMI PANELS

Basic Panels (KTP400–KTP1200)

- 4"–12", touch & keypad, ideal for budget applications.

Comfort Panels (TP700–TP2200)

- 7"–22", widescreen, multi-touch, PROFINET/PROFIBUS ready.
- Perfect for SCADA & high-end systems.

Mobile Panels

- Portable 7" & compact models with Emergency Stop.
- Enabling switch – ideal for safe on-site operation.

SIMATIC INDUSTRIAL PCs (IPCs)

IPC127E / 227E / 277E

- Compact, modular box PCs with Intel CPUs.

IPC677D / 477E

- Panel PCs with multi-touch displays for visualization tasks.

IPC847E

- Rack-mounted IPCs for server-grade needs.

Key Highlights

- ✓ 24/7 industrial-grade performance.
- ✓ Windows 10/11 IoT & TIA Portal support.
- ✓ CE, UL, ISO certified.
- ✓ Long-term service and support.

SIEMENS SCADA

Scalable • Secure • Seamless

At MAAN ELECTRO CONTROLS, we offer the complete range of SIMATIC WinCC SCADA systems to meet every need—from simple machine HMI to complex plant-wide automation.



Products	Power Tags	Application
RT Advanced	128–4096	HMI for standalone machines
RT Professional	512–64K	PC-based SCADA, small–medium plants
Unified RT Advanced	512–8192	HTML5-based modern HMIs
Unified RT Professional	512–64K	Web SCADA for plant-wide use
WinCC V7.x	512–Unlimited	Complex SCADA for large industries
PCS 7 DCS	1K–Millions	DCS for process industries

Licensing & Features

- ✓ Licenses : Runtime, Engineering, Client.
- ✓ Integrated with TIA Portal.
- ✓ Web Access, Alarm Management, Historical Logging.
- ✓ Secure User Access, Audit Trails, OPC UA/MQTT support.

SIEMENS SERVO SYSTEMS



Precision • Speed • Reliability

At **MAAN ELECTRO CONTROLS**, we provide complete **SIEMENS Servo Drive Solutions** for high-performance motion control in industries like packaging, printing, robotics, and textiles.

Servo Drive Range

⚙️ SINAMICS S210

- Compact, high-speed servo with one-cable connection.
- Pairs with SIMOTICS S-1FK2 motors.
- Seamless with S7-1500T & TIA Portal.
- Ideal for : Pick & place, robotics, labeling.

⚙️ SINAMICS S120

- Modular multi-axis drive system.
- Works with SIMOTICS S/M motors & Cu320.
- Ideal for : CNC, high-end packaging, printing.

⚙️ SINAMICS V90 (1Ph/3Ph)

- Economical drive with SIMOTICS S-1FL6 motors.
- Torque range : 0.3 Nm to 7.0 Nm.
- Encoder : 20-bit incremental.
- Communication : Pulse/Direction & PROFINET.
- Ideal for : Textile, packaging, electronics.

Key Features

- ✓ Smooth, dynamic & accurate motion.
- ✓ Compact design with OCC/simple cabling.
- ✓ TIA Portal, Drive ES, and PC tool (V-ASSISTANT) compatible.
- ✓ CE, UL, RoHS certified.

SIEMENS SITOP POWER & SCALANCE NETWORKING

Reliable Power Seamless Connectivity

At MAAN ELECTRO CONTROLS, we offer a comprehensive range of SIEMENS SITOP Power Supplies and SCALANCE Networking Devices—ensuring uninterrupted power and robust industrial communication.

SITOP SMPS – Power You Can Rely On

- ⚙️ PSU100C/100S : Compact, efficient basic SMPS.
- ⚙️ PSU300S/8600 : Advanced with diagnostics & remote monitoring.
- ⚙️ Add-ons :
 - Redundancy & Buffer Modules – Prevent downtime.
 - Selectivity Modules – Electronic load protection.
- ⚙️ Voltage : 24V DC | Current: 0.5A–40A.
- ⚙️ Features :
 - ✓ DIN rail mountable.
 - ✓ Overload & short-circuit protection.
 - ✓ High efficiency & system reliability.

SCALANCE Networking – Industrial Connectivity Made Easy

- ⚙️ X-Series Switches : Unmanaged & managed Ethernet switches.
- ⚙️ SCALANCE W : Industrial WLAN for mobile equipment.
- ⚙️ SCALANCE S : Security modules with firewall & VPN.
- ⚙️ SCALANCE M : 3G/4G/5G gateways for remote access.
- ⚙️ Benefits :
 - ✓ Rugged & industrial-grade.
 - ✓ TIA Portal integrated.
 - ✓ Secure & high-speed communication.

SIEMENS CABLES, CONNECTORS & PLC ACCESSORIES

Reliable Connectivity Seamless Automation

At MAAN ELECTRO CONTROLS, we supply a full range of SIEMENS cables, connectors, and accessories—ensuring robust, safe, and efficient automation panel installations.



Industrial Cables

- 🔌 PROFIBUS & PROFINET – High-speed, shielded communication.
- 🔌 Power & Signal Cables – Built for harsh industrial use.
- 🔌 MPI, USB-MPI – For PLC programming and data transfer.
- 🔌 Ethernet Patch Cords (CAT5/CAT6) – Shielded for industrial networking.

Connectors & Cable Systems

- 🔌 M12, 7/8", RJ45, D-Sub – Reliable field device & PLC connections.
- 🔌 FastConnect – Quick-termination system for faster installations.
- 🔌 Preassembled & Field Assembly Options – Plug-and-play or custom-ready.

PLC Accessories

- 🔌 Memory Cards – For program/data storage.
- 🔌 Battery Modules – Power backup for Siemens PLCs.
- 🔌 DIN Rails, Labeling, Terminal Blocks – Organized and durable wiring.
- 🔌 Programming Interfaces – USB, Ethernet, MPI, PROFIBUS.









PEPPERL+FUCHS SENSOR SOLUTIONS

Precision Sensing Industrial Reliability

At MAAN ELECTRO CONTROLS, we supply a wide range of Pepperl+Fuchs industrial sensors—designed for durability, accuracy, and seamless automation integration.

Search Google or type a URL

-  **Ultrasonic Sensors**
 - Models : UC2000, UB500, UB1000, Ub2000.
 - Range : Up to 2m | Temp. compensation & background suppression.
 - Ideal for : Level sensing, object measurement.
-  **Inductive Sensors**
 - Sizes : M8 to M30 | Range: 1–20 mm.
 - For metal detection in harsh, non-contact applications.
-  **Capacitive Sensors**
 - Detect solids & liquids | Adjustable sensitivity.
 - Ideal for : Food, packaging, material handling.
-  **Photoelectric Sensors**
 - Types : Through-beam, retro, diffuse, laser.
 - Use : Object, edge & label detection.

-  **Explosion-Proof Sensors**
 - Certified : ATEX / IECEx.
 - Use in : Oil, gas, chemical & hazardous zones.
-  **IO-Link Sensors**
 - Smart diagnostics, remote config.
 - Ready for Industry 4.0 systems.

Key Advantages

- ✓ High accuracy & fast response.
- ✓ IP67/IP69K rated for tough conditions.
- ✓ Long life, low maintenance.
- ✓ Fully compatible with Siemens PLC/HMI/SCADA.

WEINTEK | FUJI | SCHNEIDER – HMI SOLUTIONS

Smart Interfaces Seamless Control

At MAAN ELECTRO CONTROLS, we offer cutting edge HMI solutions from Weintek, Fuji Electric, and Schneider Electric, delivering reliable operator interfaces for modern automation systems.



WEINTEK HMI – IIoT-Ready & Versatile

- ⚙ Models: MT8071iE, cMT1106X, cMT2078X.
- ⚙ Supports 300+ PLC brands.
- ⚙ Protocols: Modbus, MQTT, OPC UA, CAN open.
- ⚙ EasyAccess 2.0 – Cloud-based remote access.
- ⚙ Optional MO2 Wi-Fi Module – For wireless HMI communication.
- ⚙ Ideal for: Smart factories, remote monitoring, mobile control.

FUJI HMI – Compact & Fast

- ⚙ Models : TS1070S, V810 Series | Sizes : 7" & 10.4".
- ⚙ Bright TFT display, Serial + Ethernet ports.
- ⚙ Quick boot-up, user-friendly setup.
- ⚙ Ideal for : OEMs, HVAC, packaging machines.

SCHNEIDER HMI – Rugged & Reliable

- ⚙ Models : HMISTU, STO, GTO, GTU Series | Sizes : 4.3"–15".
- ⚙ Software : Vijeo Designer.
- ⚙ Communication : Modbus, CANopen, Profibus, Ethernet/IP.
- ⚙ IP66-rated for tough environments.
- ⚙ Ideal for : Plant automation, SCADA systems.



Why Maan Electro Controls?

- ✓ Expert guidance for model selection & compatibility
- ✓ Stock ready for fast delivery
- ✓ On-site setup & remote support available
- ✓ Customizable solutions for every industry

 Fuji Electric

 WEINTEK

 PEPPERL+FUCHS

 Schneider
Electric

 SIEMENS

Contact Us

 +91 84017 50044 |  +91 97371 03572

 info@maanelectrocontrols.com

 www.maanelectrocontrols.com

 505, Ganesh Imperial, Near Podar School,
Vastral Ring Road, Vastral, Ahmedabad - 382418.

