



Prime Global Trader

COMPANY PROFILE

.....
**INDUSTRIAL AUTOMATION'S
POTENTIAL TO TRANSFORM MANUFACTURING**
.....



PROFILE OVERVIEW



Established in 2024 and headquartered in **New Sama Vadodara Gujarat** ,

Prime Global Traders is a leading trader and supplier offering a wide range of industrial tools, electrical products, safety equipment, and more. We supply high-quality products, including **cutting tools, measuring instruments, abrasives, industrial fasteners, sensors, MCBs (Miniature Circuit Breakers), wires, cables, welding equipment, safety equipment, hand tools, and many more.**

Our products are sourced from renowned and trusted manufacturers who use premium raw materials and advanced manufacturing processes. Each product is designed to meet international quality standards, ensuring excellent performance, durability, and precision. Whether you are in the manufacturing, engineering, automotive, construction, welding, or safety industry, our comprehensive product range is tailored to meet your diverse business needs.

At **Prime Global Traders**, we take pride in our skilled team of professionals who work closely with clients to understand and fulfill their specific requirements. Through a rigorous recruitment process, we ensure that only the most qualified experts handle key operations such as procurement, **quality assurance, warehousing, sales, marketing, and logistics.**

Our robust vendor network, comprising trusted global manufacturers, enables us to efficiently fulfill bulk and urgent orders. We ensure that each product—whether industrial **tools, welding and safety equipment, hand tools, or electrical components like sensors, MCBs, wires, and cables**—offers **superior quality, strength, corrosion resistance, and precise measurements** .

We are committed to excellence and **customer satisfaction, focused on providing reliable and innovative solutions that help businesses optimize their operations.**

LADDER LOGIX OVERVIEW



- ▶ **Industrial Automation Services**
- ▶ **PLC/HMI/SCADA Based Solutions**
- ▶ **Motion based / Servo based Solutions**
- ▶ **Safety Solutions & integration/Safety products+Safety fencing**
- ▶ **IOT & Remote connectivity solutions**
- ▶ **Digital factory Solutions, Digital LOTO solutions**
- ▶ **Control Panel Manufacturing**
- ▶ **Products Distribution**
- ▶ **Energy Management Systems**

SENSOR SOLUTION – AUTONICS/OMRON



Photoelectric Sensors



Photomicro Sensors



Fiber Optic Sensors

SENSOR SOLUTION – AUTONICS/OMRON



Displacement Sensors



Proximity Sensors



Ultrasonic Sensors

SENSOR SOLUTION



Area & Door Sensors



Rotary Encoders

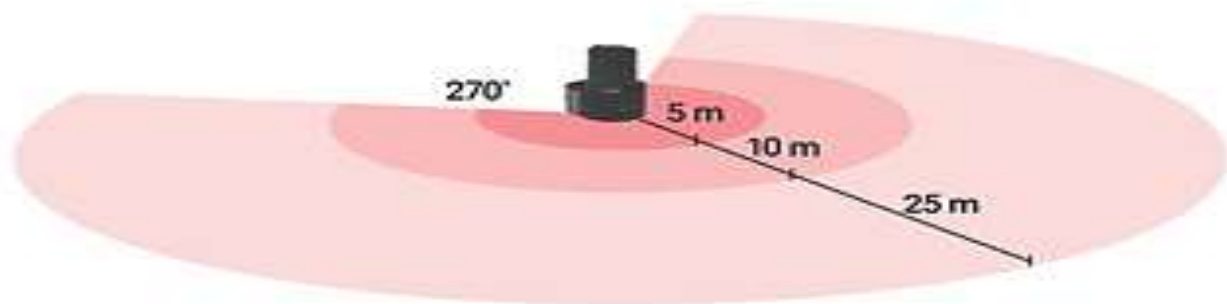
VISION & SCANNERS SOLUTION



Scanners & Safety Scanners



Machine Vision Sensors



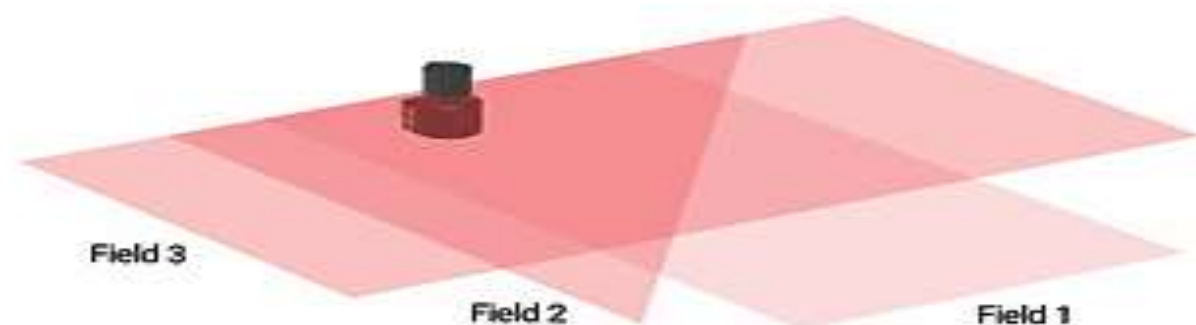
270° Detection Angle, 25 m Detection Distance

The LSC series laser scanners offer wide range detection area with horizontal 270° detection angle and up to 25 m detection distance.



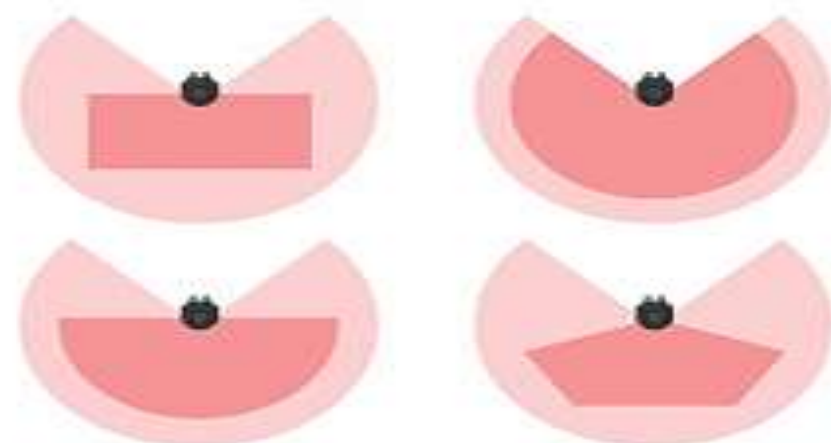
Auto Set Detection Area with Teaching Function

Users can use the teaching function to automatically set optimal detection area. This function can be operated also with dedicated software and other input signals.



Flexible Field Configuration

The laser scanners can set 16 types of field sets with 4 input types. Each field set consists of 3 sub-fields and each sub-field are individually connected to outputs.



Intuitive Detection Format Setting

Each sub-field can be configured in the form of rectangles, circles and polygons for easy and flexible application.

Safety Solutions



Safety Switch



Magnetic Switches



Safety Mats



Safety Edge



Safety Bumper



Foot Switches



Two-hand control panels



SERIAL DIAGNOSTICS



Pull Cord Switches



Limit Switches

Safety Solutions



Safety Light Curtains



Safety Controllers



Safety Light Barriers

Safety Special Solutions



Key transfer system
Guard locking device



Safety Fence

Controllers



Temp. Controllers

Temperature controllers are used to identify measured temperature and release output to maintain desired temperatures



Counters

Counters, widely used in manufacturing lines and automation systems, display and control received pulse signals from input devices

Timers

Analog and digital timers are widely used in various industrial processes to control timing of devices or monitor life cycles of devices

Controllers



Recorders

Recorders are devices which display and record various measured inputs including temperature, humidity, flux, and pressure



Digital Display Units

Digital display units are available in various sizes, can display over 60 different characters and signals for various monitoring purposes



Digital Panel Meters

Multi panel meters are used to measure and monitor various industrial processes including voltage, current, frequency, and pressure

Thyristor Power Controllers

- Power controllers are used to control the amount of electric currents in devices such as heaters, furnaces, thermostats, or motors.
- 1 Φ or 3 Φ Control Available.
- Rated Current Capacity(25A To 600A).
- SPRM Series Multi-channel Power Controllers.
- SPC1 Series Single-Phase Power Controllers.
- DPU Series Digital Power Controllers.
- Built-in rapid fuse for internal circuit protection
- Various Alarm Functions
- Simple Fuse Replacement



Slim Size



Bright LED Display



Feedback Control



$\pm 3\%$



RS485
Communication
(Modbus RTU)



Dedicated Software



EtherCAT

Multi-channel Power Controllers



Features

- Single-phase control / three-phase control
- Supports a wide range of rated voltages from 220 to 440 VAC~
- Various rated current models of 25 / 40 / 55 / 70 / 90 / 110 / 160 A
- Improved visibility with 4-line LCD display
- Monitoring load current / voltage / output / resistance / heatsink temperature / power
- Detachable display module can be installed on a separate panel
- Supports various alarms, heater brake, partial heater brake, fuse break, heatsink over heat, overcurrent, FAN error, etc. and saving alarm history
- Improved fuse replacement convenience with open/close structure
- Supports RS485, EtherCAT communication

Connectivity



I/O Terminal Blocks



Distribution Boxes



**Sensor/actuator
cable connectors**

Panel Accessories



Control Switches

Control switches maximize device control efficiency with fluid operation mechanics and high durability.



Tower Lights

Tower lights are frequently used in industrial settings to offer visual and audio status indication of control processes and applications.



Buzzers &

The buzzer informs the situation by making a sound. There are magnetic buzzers and piezo buzzers depending on the structure that making a sound

Power Supplies SMPS

- DIN Rail Mounted, Panel Mounted
- Various output voltage (5 VDC, 12 VDC, 24 VDC, 48VDC)
- Various output power models are available for diverse applications
- Available in Omron S8VK Series, S8FS Series,
- Available in Autonics SPB- A Series
- Available in Phoenix Contact



Autonics SPB-A



Phoenix Contact



Omron S8FS

I/O and Networks



Industrial Ethernet Switches

- ❖ Transmission speed:- Up to 1000 Mbps
- ❖ Number of ports:-24 ports
- ❖ Mounting type:-DIN rail, Rack, Wall
- ❖ Metal type, Plastic Body
- ❖ Unmanaged and Managed Switches



Ethernet Cables

- ❖ Up to 30 Meter
- ❖ Industrial application for speed up to 1 Gbps
- ❖ Shielded / Unshielded
- ❖ RJ45 connector/IP20 to RJ45 connector/IP20,



Industrial Wireless

- ❖ WLAN 1000 and 2000 – the WLAN solution for industry
- ❖ Industrial Wireless enables secure and reliable wireless connections for industrial applications. Depending on requirements, use IWLAN or Bluetooth for real-time communication, NearFi for close-proximity applications, or LoRaWAN and Trusted Wireless for great distances..

REMOTE CONNECTIVITY

FL WLAN 1011 - Wireless module

2702900

WLAN access point, client for USA and Canada, with 2 external antenna connections (RSMA-F), IP20, WLAN 802.11 a, b, g, n, frequency: 2.4 GHz, 5 GHz, connections: COMBICON 9 V DC ... 32 V DC, RJ45: for LAN, web, http/https, CLI, REST API



FL WLAN 2011 - Wireless module

1119248

WLAN access point, client, mesh for USA and Canada, with two external antenna connections (RSMA-F), IP20, WLAN 802.11a, b, g, n, frequency: 2.4 GHz, 5 GHz, connections: COMBICON 9 V DC ... 32 V DC, RJ45: for LAN web, http/https, CLI, REST API



Frequency Converters (VFD)

Fuji Mini Series

1 Phase 115V: 1/2 – 1HP
 1 Phase 230V: 1/8 – 3HP
 3 Phase 230V: 1/8 – 20HP
 3 Phase 460V: 1/2 – 20HP

Fuji Ace Series

1Phase 230V: 1/8 – 3HP
 3-Phase 230V: 1/4 – 40HP
 3-Phase 460V: 1 – 40HP

FRENIC-HVAC

208/230V: 1 – 125HP
 460V: 1 – 1,000HP
 575V: 1 – 300HP

Fuji MEGA Series

230V: 1/2 – 150HP
 460V : 1/2 – 1,000HP

- ❖ A variable frequency drive (VFD) is a motor controller that regulates the speed and torque of an AC motor by adjusting the frequency and voltage of the power supply. VFDs are also known as variable speed drives (VSDs).
- ❖ VFDs are used in a variety of applications, including: small appliances, large compressors, pumps, fans, and other mechanical components
- ❖ OMRON Inverters provide for energy-efficient operation of facilities and machines with fine speed control. Ether CAT Communications with optional unit.



FRENIC-Mini (C2)



FRENIC-Ace (E2)



FRENIC-MEGA



FRENIC-MEGA G2



Fuji VFD Keypad



Omron-3G3MX

Programmable Controllers & I/o

OMRON PLC PHOENIX PLC



Phoenix Contact Smart RTU

PLCnext Control AXC F 2152 – Smart Cyber Secured IED



- ✓ Cyclone 5 with ARM Cortex-A9 CPU 2 x 800 MHz
- ✓ 512 Mbytes RAM
- ✓ SD Flash card slot
- ✓ 1 x ETH-MAC interface (2 x 10/100 Mbit) switched
- ✓ Micro-USB type C
- ✓ Real-time clock
- ✓ Axio field bus for up to 63 modules
- ✓ Left side extension capability
- ✓ Trusted platform module (TPM) for security
- ✓ Temperature range: -25°C up to +60°C
- ✓ Comply Cyber security Standard IEC 62351 & IEC 62443, RBAC
- ✓ Support IEC 60870-5-104, IEC 61850, DNP 3.0
- ✓ Support of numerous protocols such as: http, https, sFTP, SNMP, IPsec, syslog

Display Unit



Industrial PC



- ❖ [Size] 22" Wide | 19" Wide | 15" Wide | 15" | 12" Wide | 12" | 10" Wide | Box
- ❖ [I/F] COM | LAN | USB | Expansion slots | Slot-in Options
- ❖ PS6000 Series (Core i7 / i5 / i3 / Celeron / Atom)

SCADA



- ❖ 250+Connectivity
- ❖ available communication drivers for PLCs and many other devices.
- ❖ Native OPC interfaces such as OPC UA/DA
- ❖ Active X and . Net controls
- ❖ Support upper connectivity to DB through MQTT.
- ❖ FDA 21 CFR PART 11
- ❖ Remote Access

Display Unit



HMI's



- ❖ Size:-4" to 19"
- ❖ Entry HMI (ET6000 Series)
- ❖ Basic HMI/ Compact HMI (ST6000, GP4100, Etc..)
- ❖ Advance HMI
- ❖ Omron NB Series

HMI +I/O



- ❖ LT4000M Series: HMI Digital Analog Control
- ❖ Size 5.7" & 3.5"
- ❖ I/FCOM, LAN, USB, DIO, AIO, CAN open

- ❖ STC6000 Series: Hybrid HMI control function
- ▶ Size 5.7"
- ▶ I/FCOM, LAN, USB, DIO, AIO, Ether Net/IP

Servo System

AC Servo System 1S-series

- ❖ AC Servo Drives with Built-in Ether CAT Communications
- ❖ 100 Watt To 15 K.W.



AC Servo System 1S-series
R88M-1[] / R88D-1SN[]-ECT



Valued Clients





METAL CUTTING TOOLS



TOTEM

THREADING TOP & DIES

Orcan



SMITH
QUALITY TOOLS

UNNAT
CHUCKS



TOOLFAST



SAFEWAY



MIRANDA

TOOL BITS & BLADES



MEASURING INSTRUMENTS

Fenner

V-BELTS

PYE

HAND TOOLS



VAR
HAND TOOLS

JHALANI



JK

POWER TOOLS



JK
FILES &
TOOLS



CUTTING TOOLS

PRECISION
MEASURING INSTRUMENTS

Eastman
HAND TOOLS

JK
HAND TOOLS

SEMATO
HAND TOOLS





Thank You

New Office Address:-

**Shop No.-3 Siddheshwar High Deck B/h. Maa Party plot ,Harni Airport road
Vadodara Gujarat**

Regd. Address:

**A/2 3rd Floor Neelkanth Park Society New Sama
Vadodara Pin Code :-390008**

Mobile No:-9898680690 Email:-Traderprimeglobal@gmail.com