



# ROBOTICS SOLUTIONS & ACCESSORIES

Delivering Advanced Robotics & Automation Solutions

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# UNLOCK THE POWER OF ROBOTICS WITH PROAX

## WHAT SETS PROAX ROBOTICS APART?



### PROOF OF CONCEPT

Test automation solutions to clarify uncertainties before full-scale implementation to ensure feasibility and efficiency.



### STRONG TECHNICAL EXPERTISE

A dedicated team offering cutting-edge engineering support and system optimization.



### SCALABLE & FLEXIBLE SOLUTIONS

Tailored automation solutions designed to adapt and grow with your business.



### NATIONAL DISTRIBUTOR & INDUSTRY LEADER

Providing innovative robotic solutions across multiple industries.



### AFTER-SALES SERVICES & REPAIRS

Reliable maintenance and ongoing support to keep your robotic systems running smoothly.



### CUSTOMIZED TRAINING

Hands-on robotics training for teams to optimize system performance and minimize downtime.



### GLOBAL SUPPORT

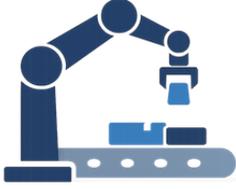
Access expert assistance through our trusted network of industry-leading partners.



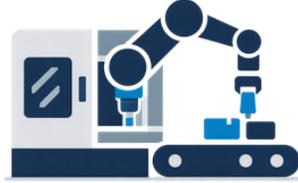
### QUALITY PRODUCTS

Reliable automation products built for performance, durability, and seamless integration.

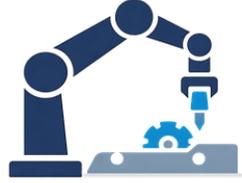
# ROBOTIC APPLICATIONS



PICK AND PLACE



MACHINE TENDING



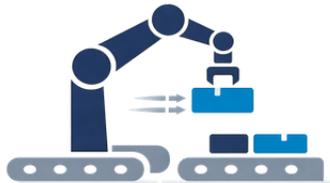
ASSEMBLY



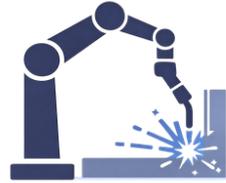
PACKAGING AND CASE PACKING



PALLETIZING



MATERIAL HANDLING



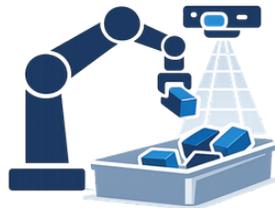
WELDING (MIG AND TIG)



DISPENSING



TESTING AND INSPECTION



VISION-BASED BIN PICKING

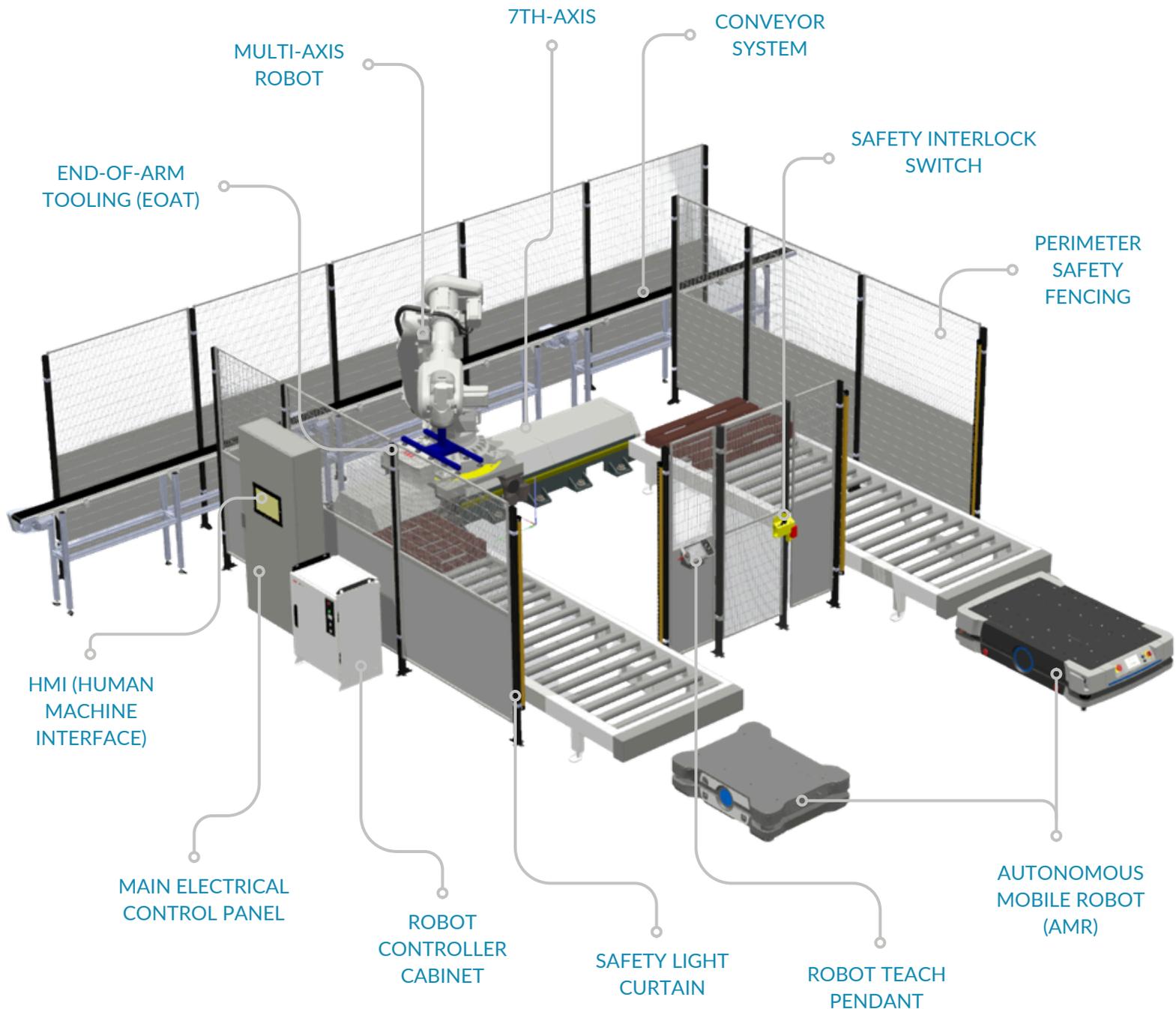


SANDING AND POLISHING

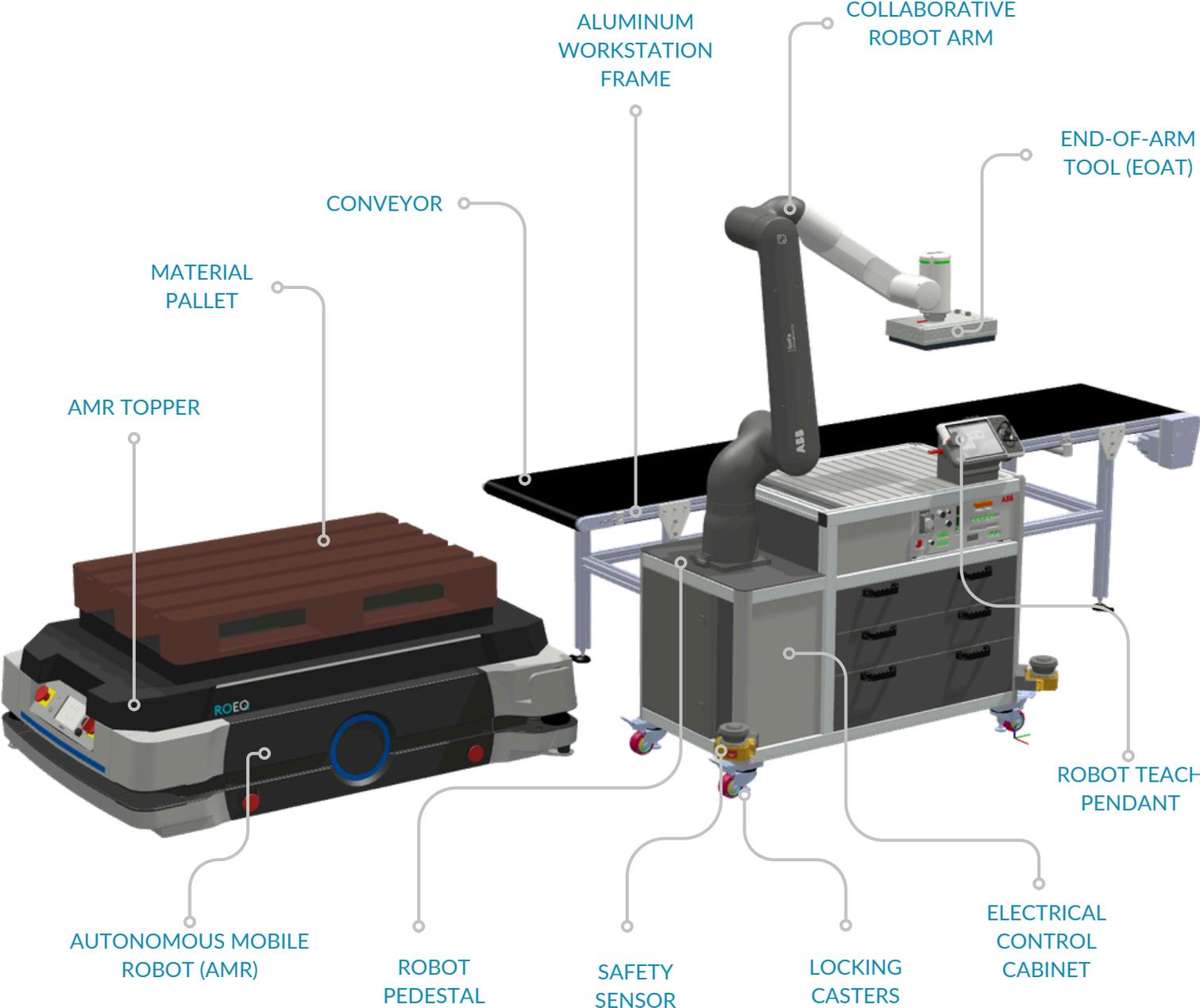


# ROBOT CELL SOLUTION

## INDUSTRIAL ROBOTIC MATERIAL HANDLING CELL



# COLLABORATIVE PICK AND PLACE WORKCELL



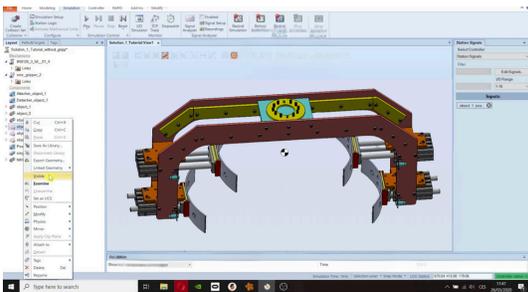
# VALUE ADD

## CUSTOM SOLUTION



### CONVEYOR SYSTEMS

Seamless integration of Proax conveyor systems to enable automated product flow between stations.



### 3D SIMULATION & PROOF OF DESIGN

Our mechanical designers develop robotic systems and custom end-of-arm tooling, using 3D simulation to validate layouts and optimize performance before deployment.



### AMR TOPPER SYSTEMS

Custom designed AMR toppers allow autonomous mobile robots to interact with robotic workcells, conveyors, and material handling systems.



### MODULAR STRUCTURES & FRAMES

T-slot aluminum frames provide flexible modular structures for robotic workcells, robot pedestals, machine bases, and automation platforms.



### PROOF OF CONCEPT

Proof of concept testing validates robotic applications before full deployment, reducing risk and ensuring smooth implementation.



### ROBOT DRESS SOLUTIONS

Cable and hose management solutions that protect robot utilities while improving reliability and system longevity.

# EXPERT ROBOT MAINTENANCE SERVICES

## WHY CHOOSE PROAX FOR ROBOT MAINTENANCE?

Proax Technologies delivers professional maintenance for ABB and Omron robots, extending equipment lifetime and minimizing downtime through our comprehensive service packages.



### EXTEND EQUIPMENT LIFE CYCLE

Scheduled regular maintenance will minimize future downtime and extend robots life span



### PREVENTIVE CARE

Factory recommended Annual maintenance, ensures compliance to manufacturer specifications



### COST SAVINGS

Minimized service calls lower the total cost of ownership



### EXPERT EVALUATIONS

Factory trained technicians able to identify and resolve issues early

## ROBOT MAINTENANCE PACKAGES

### Full Preventive Maintenance

- Robot operational functionality
- Oil changes and grease
- Encoder battery replacement
- Report with recommendations
- Checklist of completed activities
- Safety Compliance

### Light Preventive Maintenance

- Robot arm and Controller Inspection
- Diagnostics and data analysis
- Back Up Management
- Check for axis backlash
- Check calibration
- System Health Check

## GET EXPERT ROBOT MAINTENANCE TODAY!

Extend your equipment's lifespan, minimize downtime, and get expert service for your ABB and Omron robots.

Scan to request  
expert robot  
maintenance



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# VALUE ADDED ACCESSORIES

## TOOL CHANGERS

Tool changers enable quick, secure tool switching, enhancing flexibility and efficiency in automation with precision and durability.

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## PART FEEDING

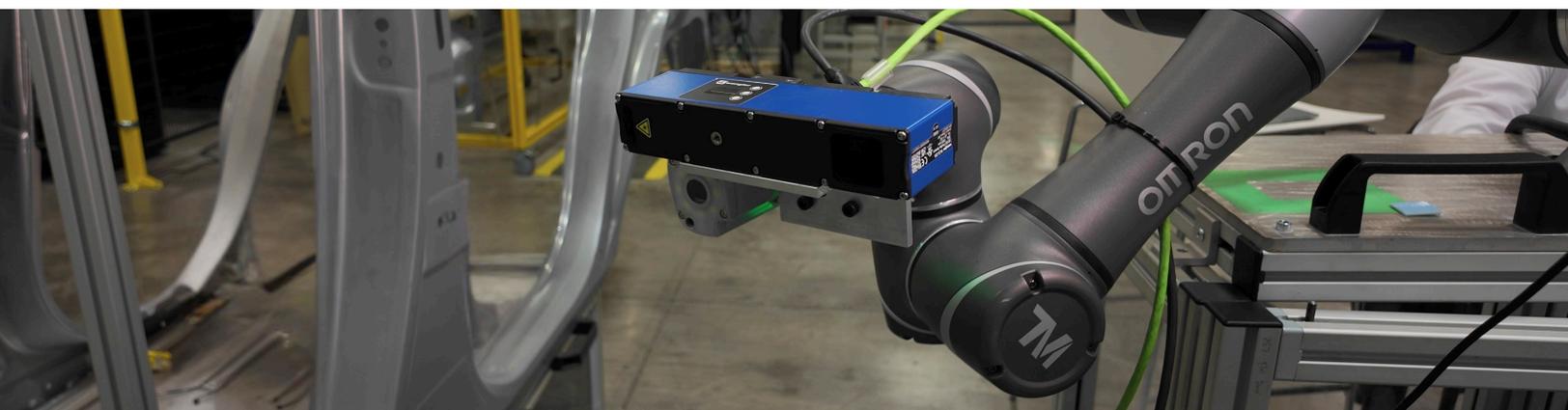
OMRON's modular feeder system ensures precise, flexible part handling for pick & place, ideal for automotive, medical, & electronics industries.

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## VISION & SENSING SOLUTIONS

Vision and sensing solutions enable robots to locate, inspect, and verify parts with accuracy. They support applications such as vision-guided picking, inspection, and quality control.



## MOTION & PRECISION

Motion and precision solutions, including robot additional axes and linear tracks, extend robot reach and flexibility. They support larger work envelopes and multi-station robotic applications.

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## MATERIAL HANDLING

Proax manufactures custom conveyor systems in-house to support robotic cells, assembly lines, and automated production. Our conveyors are designed for reliable product flow and seamless integration with robotic and automation systems.

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## INTEGRATION & CONNECTIVITY

Integration and connectivity components enable reliable communication between robots, controllers, sensors, and peripheral devices. They support stable operation and streamlined system integration.

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## STRUCTURES & FRAMES

Modular structures and frames provide a stable foundation for robotic cells and automation systems. Their flexible design allows for easy configuration and future expansion.



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# END OF ARM TOOLING

## SOFT GRIPPERS

Ideal for delicate products such as vegetables, bread, and pastries. Approved for direct contact with raw meats, including pork, fish, and more.



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## COLLABORATIVE TOOLS

Collaborative tools provide plug-and-play end-of-arm solutions for cobots, enabling safe operation, easy programming, and flexible handling of various materials.



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## GRIPPING TOOLS

Designed for precision handling, our hard grippers offer 2- and 3-finger configurations, ensuring a secure grip on rigid and structured objects.



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## VACUUM SOLUTIONS

Ideal solution for automated palletizing and depalletizing applications. All-in-one unit simplifies setup and operation by integrating all the necessary function for adsorption - ejector, supply/release valve, silencer, robot flange and pressure switch - into a single unit.



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# ROBOTIC SAFETY

## SAFETY SYSTEMS & PERIMETERS

Safety control system solutions help protect operators while maintaining efficient robotic operation. These include not only the visible products like safety scanners, light curtains, and door switches but also safety controls like relays and contactors.



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## MACHINE GUARDING

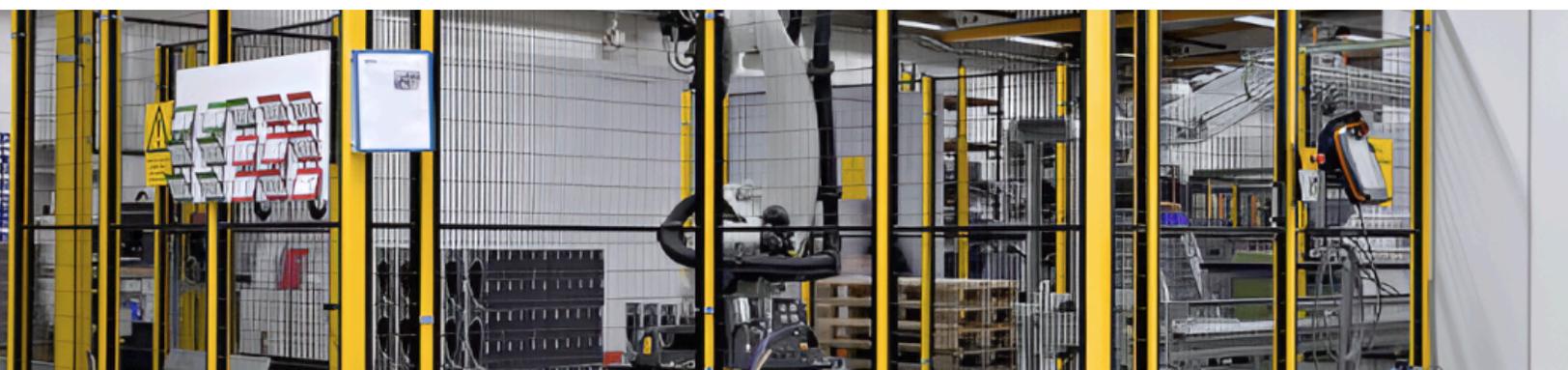
Modular panel systems protect people, property, and processes in industrial environments with flexible, durable, and compliant safety solutions. These are available in steel, stainless steel and aluminum extrusion products to be designed for seamless integration into robotic and automated cells.



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## PNEUMATIC SAFETY

Many robotic EOAT require pneumatic components. Inherently safe design of a robotic application should include a safety pressure relief valve. They are available as dual residual pressure release safety valves with detection of main valve position.



# ROBOTIC PROAX PARTNERS

Scan to view all our manufacturers



Whether you need robotic components or complete automation solutions, our trusted partners help us deliver reliable and innovative robotics systems.



## LET'S DISCUSS YOUR ROBOTICS NEEDS

Scan to QR code to connect with our experts and discover the right robotics solution for your needs.



Scan to connect with our experts

