



OMRON

Empowering People Through Automation

INNOVATIVE SOLUTIONS,
EXCEPTIONAL VALUE

Fixed Mount Scanners



V320/V330
Fixed Focus
Scanner



V420/V430
Autofocus Fixed Mount
Scanner



V440
C Mount 5 MP
Scanner



VHV5
Autofocus High Speed
Scanner

NEW
LAUNCH

Smart Vision



FQ2
Smart Vision
Sensor



F420/F430
Autofocus Smart
Vision



F440
C Mount 5 MP
Smart Vision



FHV7
Modular Autofocus
Smart Vision

Handheld Scanner



V410-H
USB Handheld
Scanner



V460-H
Industrial Autofocus
Handheld Scanner

High Precision Controller
Based Vision System



FH
AI Based Automated
Visual Inspection

PC Based Solution



Sentech GigE/USB
Based Cameras



Visionscape Software



FJ Customized PC
Based Software

Inline Verification



V275
Print Quality
Inspection System

SMPS



S8VK-C

Compact & SlimType -
Single Phase



S8VK-G

Reliable & Tough
Single Phase



S8VK-T

High Efficiency,
Compact Type - Three
Phase



S8VK-X

IIoT Enabled SMPS
Single Phase

SMPS



S8FS-C

Simple SMPS
Single Phase

Slim Relay & SSR



G2RV-ST

Ultra Slim Relay



G3RV-ST

Ultra Slim SSR



G3NB Series

SSR with Heat Sink

Relay



MYGS-R

General Purpose
Relay



G2R-S

Compact, General
Purpose Relay



LY Series

General Purpose
Power Relay



MM Relay

DC Switching
Power Relay

Temperature Controller



E5CSL

Temperature Control
Single Display



E5CWL

Temperature Control
Double Display



E5CC

Precise PID Control for
High Speed & High
Performance



EJ1

Modular PID with Easy
Expansion on
Communication

Timer



H3DKZ

Compact DIN Mounting
Analog Timer



H3CR

Multiple Operating
Modes and Multiple
Time Ranges



H5CC

Digital Timer with
Replacement Time
Indication



H7CC

Digital Counter with
Replacement Time
Indication

Limit Switch



D4V

Compact & Slim with
Vertical Mounting



WL

General Purpose, High
Precision & Long Life



HL

Miniature with Rigid
Construction



D4MC

Enclosed Type, High
Repeatability &
Durability

Limit Switch



SHL

Sub Miniature
Enclosed Type

Basic Switch



X

Miniature Type with
SPDT 10A



Z

Miniature Type with
SPDT 15A



DZ

Miniature Type with
DPDT 15A

M&M Relay



K8DS

Protection Relay Phase
Sequence /Phase Loss
(17.5 mm)



K8AK

Voltage & Phase
Protection Relay
(22.5 mm)

Power Monitor



KM-N3

Power Monitor for
Energy Management



KM-N2

Power Monitor for
Energy Management

Micro PLC



CP1L-M/L
Compact PLC



CP2E
Compact PLC with IIoT



CP1H
Compact PLC with Maximum I/O



CP1L-EM/EL
Compact PLC with Ethernet

Midrange PLC



CJ2M
Multiple Network Connectivity, Program Capacity 60k Steps



CJ2H
Multiple Network Connectivity, Program Capacity 400k Steps

HMI



NB-V1 Series
Display Solution
(Screen Size - 3.5, 5.7, 7, 10.1 Inch)



NA5 Series
Advance Display Solution
(Screen Size - 7, 9, 12.1, 15.4 Inch)

Machine Controller



NX1P2
Compact Motion Controller with (Built in) I/O



NX102
Motion Controller with OPC UA Compatibility



NJ101
Motion Controller upto 4 Axes



NJ301
Motion Controller upto 8 Axes

Machine Controller



NX502
Motion Controller with Control, Information & Safety integration



NX701
Fast and Highly-Accurate Control up to 256 Axes



NJ501
Ideal for Large-Scale, Fast and High-Accurate Control up to 64 Axes



CK3M/CK5M
Motion Controller with NC Control

VFD



3G3MX2-V2 Series

Compact Inverter
upto 15 Kw



3G3RX2 Series

High Performance
Inverter upto 132 Kw

IPC



NYP Series

Industrial PC
upto 15 Inch

Servo Drive



1S Series

Compact EtherCAT
Servo



1S-51 Series

1S Drives with SS1/SLS
Safety Functionality



1SA Series

Servo with Safety
Functionality & Single
Cable Technology



G5 Series

Servo with Network /
Analog Connectivity

RFID



V680 Series

RFID System with
High Frequency Band



V680S Series

3 in1 RFID Antenna,
Amplifier & Controller



V780 Series

RFID with Ultra High
Frequency Band



V640 Series

RFID System
(Conforms to SEMI
Standard)

Remote I/O



NX-ECC

EtherCAT Coupler for
Remote I/O



NX-EIC202

EtherNet/IP Coupler
for Remote I/O



NX-PNC202

Profinet Coupler
for Remote I/O



NXR-ILM08C (-EIT & -ECT)

IP67, I/O Link
Master Module

Software



CX-Supervisor
SCADA



Soft-NA
Bringing NA HMI to the
Industrial PC



SYSMAC STUDIO
Development Software
for Sysmac Platform



CX-One
Development Software
for CP/CJ/CS Series
PLC

Proximity Sensor



E2B, E2E
Cylindrical Type
Metal Body Sensor



E2EW
Spatter Proof



TL-W, TL-N, TL-Q, E2Q
Rectangular Shape



E2K-C, E2K-L
Capacitive

Photoelectric Sensor



E3FA
Cylindrical Type



E3Z / E3ZG
General Purpose
Sensor in Compact
Housing



E3JK
Built in Power
Supply



E3T
Ultra Compact

Distance Settable



E3AS-L
Diffuse with
Background
Suppression



E3AS-HL
CMOS Laser



E3AS-F
Time of Flight with
Background
Suppression



E3AS-HF
Long Distance Model
with Analog Output
(6 meter)

Photoelectric Sensor



E3Z-LS

Distance Settable
Photoelectric Sensor with
Background Suppression



E3Z-F

Nose Mount Plastic
Body Photoelectric
Sensor

Measurement Sensor



ZX1, ZX2

CMOS Laser
Sensor



ZP-L

Laser Displacement
Sensor

NEW
LAUNCH

Fork / Grove Sensor



E3Z-G

Fork Sensor

Color Mark Sensor



E3ZM-V

Mark Sensor with
Stainless Steel
Housing



E3S-DC-IL

High Performance
(IO Link Model)



E3NX-CA

Fiber Optic
Type

Fiber Optic Sensor



E3X-NA

Potentiometer Adjuster
Amplifier Unit



E3X-ZV

Easy Teach Amplifier
Unit



E3NX-MA

SmartFiber 2 Channel
Amplifier Unit



E32 Series

Range of Fiber
Sensor Head

Process Sensor



E8FC

Flow Sensor



E8PC

Pressure Sensor

Ultrasonic Sensor



E4PA-N

Ultra Sonic
Displacement Sensor

LVDT Sensor



E9NC-T

Contact Type Fiber
Sensor

Safety Door Switch



D4SL-N
Compact Guard Lock
Safety Door Switches



D4NL
Varied Lineup of Guard
Lock Safety Door
Switches



D4NS
Multi Contact Safety
Door Switch



D4NH
Safety Door Hinge
Switch Designed for
Saving Space

Safety PLC



G9SP
Easy Programming
for Complex Safety
Control

Non Contact Switches



D40A-2
Compact Non
Contact Switch



F3S-TGR-N_C
Hall Coded Based
Non-Contact Switch



F3S-TGR-N_M/-N_U
RFID Based
Non-Contact Switch

Safety Relay



G9SE
Slim Design with
2 & 4 Output



G9SA
Advance Safety Relay
with 3 & 5 Safety
Output Expandable

Forcibly Guided Relay



G7SA
Forcibly Guided Relay
with 4 to 6 Poles



OS32C
Safety Laser
Scanner

Safety Light Curtain



F3SJ-E
Simple and Reliable
Hand Protection



F3SJ-B
Series Connection and
Muting Functions



F3SG-4SRA
Advance Model with
Built-in ABI Feature &
Complete Protection



F3SG-SR
Advanced Model with
Finger, Hand, Arm and
Body Protection



i4L / i4H
SCARA Robots upto
15Kg Payload



TM Series
Collaborative Robots
upto 25Kg Payload



LD Series
Autonomous Mobile
Robots upto
250Kg Payload



Hornet/Quattro
Parallel Robots upto
15Kg Payload

Automated Inspection System for a Variety of SMT/Through Hole Application

Automated Inspection Solution for PCB Assembly Line



VP-9000 / VP-01G
Solder Paste Inspection
(SPI)



VT-SZ600 / VT-S1040 / S1080
Automated Optical Inspection
(AOI)



VT-X750
Automated X-Ray Inspection
(AXI)

Our Services



MSE (Machine Safety Engineering) Service

- Safety Skill Building Program
- Machine Safeguarding Risk Assessment
- Safety Solution Design & Remediation
- Safety Design Validation
- TUV-certified team



Education Service

- Dedicated team of trained for skill building program
- Hands on Training Program
- Customized training module for Industries
- Design & deploy Training kit & lab setup for skill building
- Self paced E- Learning module covering complete range of FA system



Data Utilization Service: i-BELT

- Leverage manufacturing floor data to address challenges, in collaboration with the customer
- Enables businesses to achieve their carbon-neutrality goals by providing an Energy Management System



Field Service Support

- Installation, AMC, Rental & Upgradation Services
- Health Check-up/Emergency breakdown Services
- Operational maintenance support to improve productivity
- Repair and failure investigation and testing FA products

For Service Related enquiry please write us on service-in@omron.com

OMRON Corporation, founded in 1933 and headquartered in Kyoto, Japan, is a global leader in automation, healthcare, and social systems solutions. The company operates across diverse sectors, including industrial automation, healthcare devices, and electronic components, with a mission to create technologies that benefit society. OMRON's Industrial Automation segment is renowned for its cutting-edge solutions such as programmable logic controllers (PLCs), sensors, and robotics, which drive smart manufacturing and enable businesses to embrace Industry 4.0. In healthcare, OMRON is a trusted name for its accurate and user-friendly devices, such as blood pressure monitors, nebulizers, and weight management products, empowering individuals to manage their health effectively. Additionally, the company contributes to public infrastructure through social system solutions like automated ticket gates and renewable energy technologies, reflecting its commitment to sustainability and societal well-being.

With a presence in over 120 countries, OMRON combines global reach with local adaptability to address diverse market needs. Its focus on innovation and sustainability is driven by a philosophy of "Working for the benefit of society." The company integrates AI, IoT, and robotics to deliver forward-thinking solutions that enhance industrial productivity and healthcare accessibility while addressing environmental challenges. OMRON's dedication to corporate social responsibility is evident in initiatives like zero-emission factories and community development programs. By prioritizing technological excellence and social impact, OMRON continues to shape a sustainable future, solidifying its position as a pioneer in industries critical to modern life.

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Disclaimer:

This catalogue is intended to provide an overview of selected OMRON products specifically curated for the Indian market. It highlights some of our key solutions to help you better understand our offerings. Please note that this is not a complete representation of OMRON's entire product portfolio. For detailed information on our full range of products and solutions, please visit our official website: <https://www.omron-ap.co.in/>.

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