



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

Counter

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



NYP Series
Industrial PC
upto 15 Inch

IPC

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

NEW
LAUNCH



ZP-L
Laser Displacement
Sensor

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

Safety Scanner



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