OMRON
AUTOMATION & SAFETY

One Stop Solutions for Machines

Industry Selection Guide

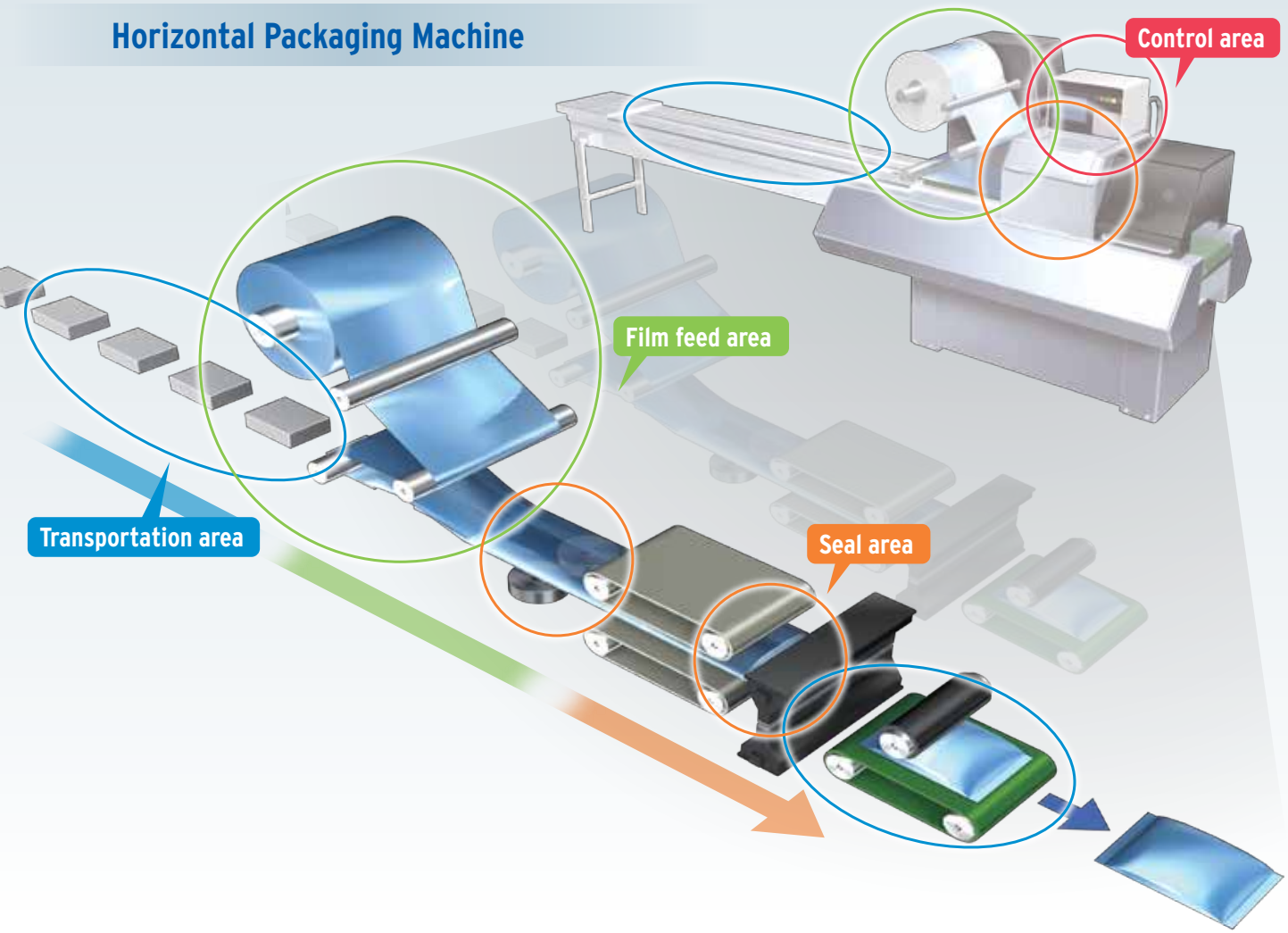
» Innovative Technologies
» Easy to Use, Install and Integrate
» Powerful Solutions

Solutions for the Evolution of Machines

High Quality, Wide Product Line-up & Global Support

Omron's control devices promise better efficiency by improving the speed and precision of numerous machine applications.

Horizontal Packaging Machine



Transportation/Material Feed Area

» p. 4-5

To ensure stable high-speed operation

Photoelectric Sensors

E3Z

E3FA

E3RA

E3ZM-B__

Inductive Proximity Sensors

E2B

E2E

Capacitive Proximity Sensors

E2K-C

E2K-X

Fiber Sensor

E3X-HD

Encoders

E6B2-C

E6C2-C

Inverters

3G3JX

3G3MX2

Film Feed Area

» p. 6-7

To improve efficiency through the stable detection of transparent films

Photoelectric Sensors

E3Z

E3FA

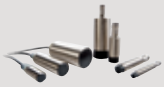
E3RA

Photoelectric Sensors

E3ZM-B

E3ZM-V

Proximity Sensors


E2B

E2E

Fiber Sensors

E3X-HD

E3X-DAC-S

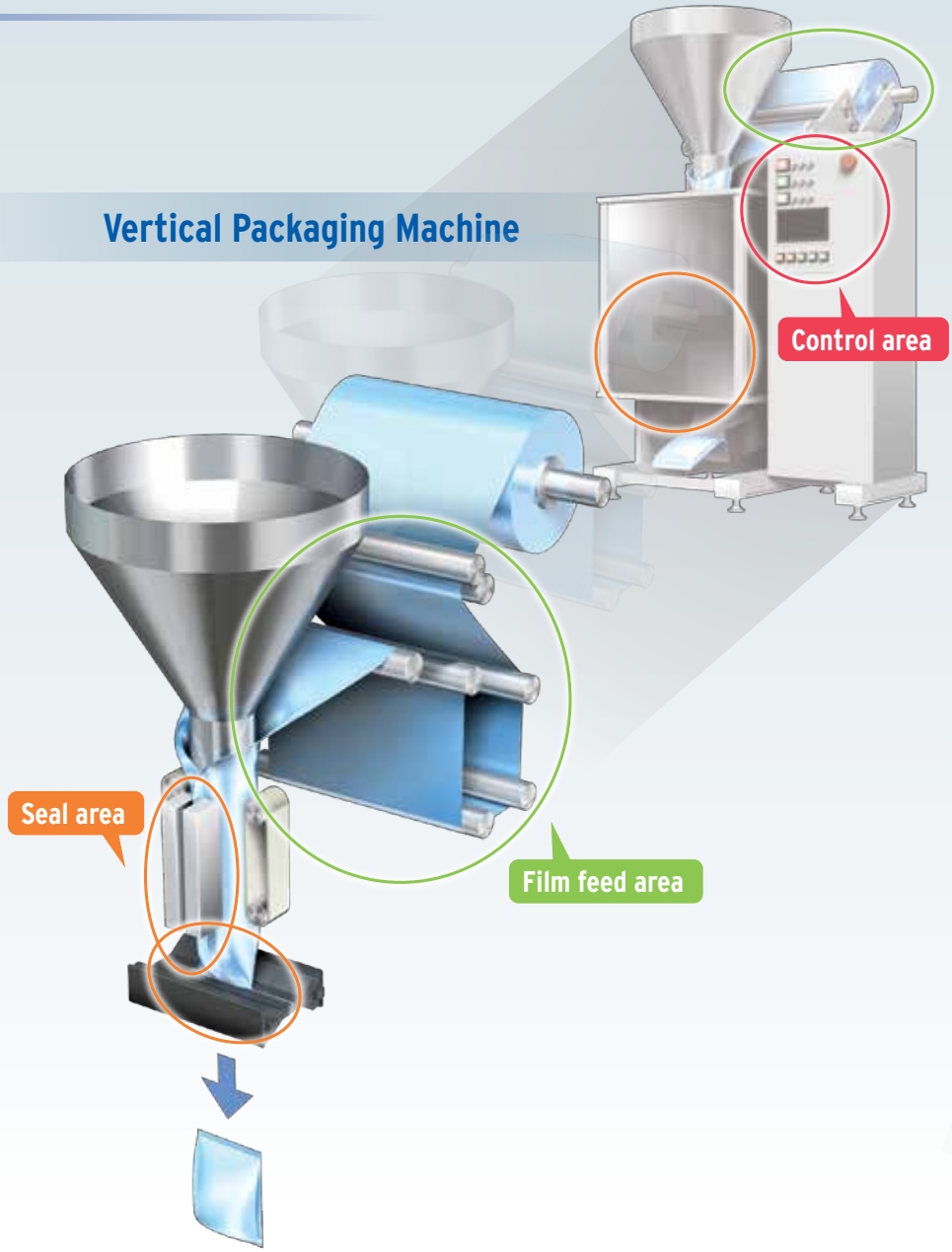
E32

Inverters

3G3JX

3G3MX2

Vertical Packaging Machine



Also applicable to the following machines

Shrink wrapping

Blister packaging

Sealer

Seal Area

» p. 8-9

To improve the packaging quality by precise sealing

Temperature Sensors

E52

Temperature Controllers

E5CC/E5EC

Solid State Relays

G3NE

G3NA

G3PE

Proximity Sensors

E2B

E2E

Timers/Counters

H5CX

H3CR

H7CX

Control Area

» p. 10-11

To improve user friendly operation

Programmable Controllers

Sysmac NJ

CP1E/L/H

CJ2

Operator Interfaces

NB

NS

NA

Solid State Timers

H3DK

Timers/Counters

N7E_-N

H3Y

Digital Panel Indicator

K3MA-F

Pushbuttons

A22R/M22R

Relays

MY

LY

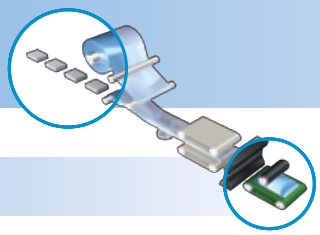
MK-S

Power Supplies

S8VK-G

S8VS

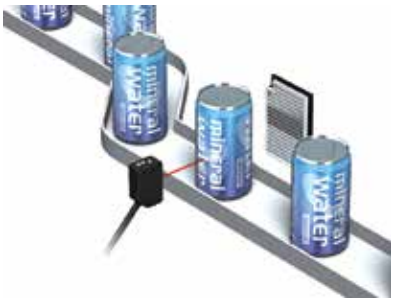
Transportation/Material Feed Area

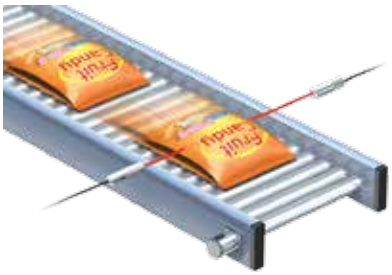


Detection of Product Passage

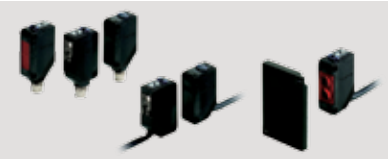
Photoelectric Sensors

→ Target Presence





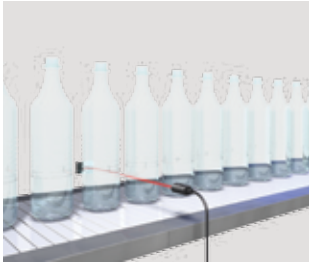
E3Z
Compact Sensor with Built-in Amplifier
- Global standard size.



Specifications

Size	: 31 * 20 * 10.8mm
Sensing distance	: Through beam 10M, 15M, 30M Retro reflective 4M Diffuse reflective 100mm, 1M, 90±30mm
Power supply voltage	: DC12-24V
Control output	: PNP/NPN
Connection	: Pre-wire, Connector (M8 & M12)

E3FA
Transparent Object Detection
The E3FA-B utilizes Omron's unique technology for detecting objects with birefringent (double refraction) properties.



E3FA
All-Application Series
- High power LED to compensate for dirt and misalignment.

Specifications

Size	: M18
Sensing distance	: Through beam 20M Retro reflective 0.5M/4M Diffuse reflective 100mm/300mm/1000mm
Power supply voltage	: DC10-30V
Control output	: PNP/NPN
Connection	: Pre-wire, Connector

E3RA
All-Application Series
- Radial, 90 degree design for applications in tighter spaces.

Specifications

Size	: M18
Sensing distance	: Through beam 15M Retro reflective 3M Diffuse reflective 100mm/300mm/700mm
Power supply voltage	: DC10-30V
Control output	: PNP/NPN
Connection	: Pre-wire, Connector

→ Stable Detection of Transparent Targets

E3ZM-B__
Excellent PET Bottle Detection
- Use of a special polarizing filter for the stable detection of transparent objects.

Specifications

Size	: 31 * 20 * 10.8 mm
Sensing Distance	: 500mm (w/E39-RP1)
Power supply voltage	: DC10-30V
Control output	: PNP/NPN

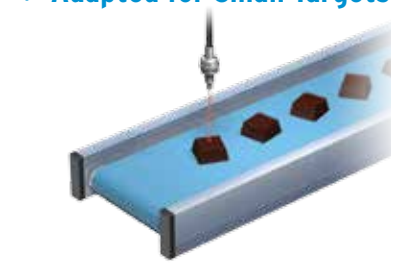
E3ZM
Stainless Steel Housing Ideal for Food Industry
- IP69K for frequent machine wash down.

Specifications

Size	: 31 * 20 * 10.8 mm
Sensing Distance	: Through beam 15M
Power supply voltage	: DC 10-30V
Control output	: PNP/NPN

Fiber Sensors

→ Adapted for Small Targets



Fiber Sensors E32 >>> P.7

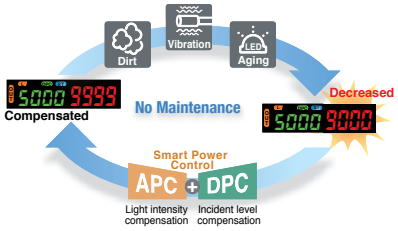
E3X-HD
Easy-To-Use Fiber Amplifier
- High-speed and stable detection even in adverse, dusty environments.

Specifications

Increased Ranges!

Power supply voltage	: DC12-24V
Control output	: PNP/NPN
Response speed	: 50μs

- Maintenance-free operation by compensating for harsh environments and LED degradation over time.



Detection of Positioning and Operation Timing

Inductive Proximity Sensors

E2B

Premium series for long distance detection

- Wide variety of extended range cylindrical proximity sensors.

Specifications

Size	: M8/M12/M18/M30
Sensing distance	: 4mm/8mm/16mm/30mm
Power supply voltage	: DC 12-24V
Control output	: DC3wire, PNP/NPN
Connection	: Pre-wire, Connector

E2E

Premium series for tough environments

- For harsh, oily environments.

Specifications

Size	: M8/M12/M18/M30, others
Sensing distance	: DC2wire 2mm/3mm/7mm/10mm DC3wire 1.5mm/2mm/5mm/10mm
Power supply voltage	: DC12-24V
Control output	: DC3Wire/DC2wire, PNP/NPN
Connection	: Pre-wire, Connector

Rotary Encoders

E6B2-C

Incremental 40-mm-dia.

- General purpose compact encoders.

Specifications

Size	: Ø 40 * 39 mm
Shaft	: Ø 6 mm
Power supply voltage	: DC5V, DC5-12V DC5-24V, DC12-24V
Resolution	: 10-2,000P/R

E6C2-C

Slim Incremental 50-mm-dia.

- Rugged and easy-to-use.

Specifications

Size	: Ø 50 * 40 mm
Shaft	: Ø 6 mm
Power supply voltage	: DC5V, DC5-12V DC5-24V, DC12-24V
Resolution	: 10-2,000P/R

Detection of Material

Capacitive Proximity Sensors

E2K-X

Low Cost type

- Non-adjustment type with fixed sensitivity. Ability to detect water, oil, etc.

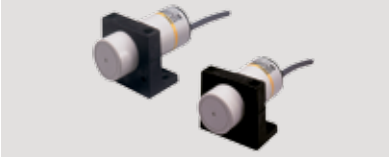
Specifications

Size	: Ø 12, 18, 30
Sensing distance	: 4, 8, 15mm
Power supply voltage	: DC 12-24V
Control output	: NPN
Connection	: Pre-wire

E2K-C

Long-distance type

- Adjustable Sensitivity. Ability to detect water and oil.



Specifications

Size	: Ø 34
Sensing distance	: 25mm
Power supply voltage	: DC 12-24V
Control output	: PNP/NPN
Connection	: Pre-wire

Conveyor Speed Control

Inverters

JX Series

Simple, Compact Inverters

Specifications

- Side-by-side mounting
- V/f control
- Built-in radio noise filter (Excluding single-phase/three-phase 200-V models)

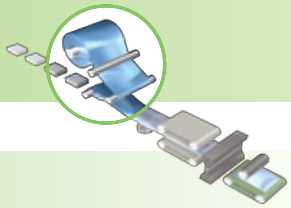
MX2 Series

Multi-function Compact Inverters with a wide range of capacity variation

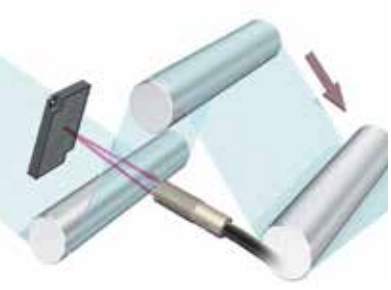
Specifications

- Control : Simple position control with pulse feed-back function (standard feature)
- High Starting torque : 200% at 0.5 Hz

Film Feed Area

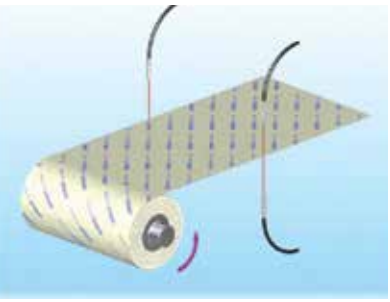


Detection of sheets and films



Detection of the remainder of a sheet roll

Detection of sheet skewing



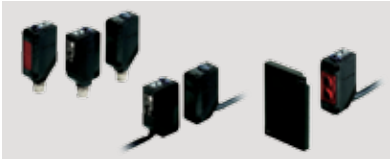
Photoelectric Sensors

→ Target Presence

E3Z

Compact Sensor with Built-in Amplifier

- Global standard size.



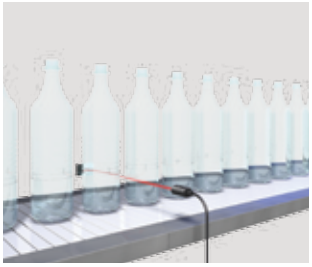
Specifications

Size	: 31 * 20 * 10.8mm
Sensing distance	: Through beam 10M, 15M, 30M Retro reflective 4M Diffuse reflective 100mm, 1M, 90±30mm
Power supply voltage	: DC12-24V
Control output	: PNP/NPN
Connection	: Pre-wire, Connector (M8 & M12)

E3FA

Transparent Object Detection

The E3FA-B utilizes Omron's unique technology for detecting objects with birefringent (double refraction) properties.



E3FA

All-Application Series

- High power LED to compensate for dirt and misalignment.

Specifications

Size	: M18
Sensing distance	: Through beam 20M Retro reflective 0.5M/4M Diffuse reflective 100mm/300mm/1000mm
Power supply voltage	: DC10-30V
Control output	: PNP/NPN
Connection	: Pre-wire, Connector

E3RA

All-Application Series

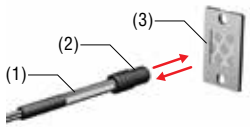
- Radial, 90 degree design for applications in tighter spaces.

Specifications

Size	: M18
Sensing distance	: Through beam 15M Retro reflective 3M Diffuse reflective 100mm/300mm/700mm
Power supply voltage	: DC10-30V
Control output	: PNP/NPN
Connection	: Pre-wire, Connector

Fiber Sensors

→ Highly Accurate Detection



(1) Fiber Sensors
E32-C31
+
(2) Transparent Object Detection Lens Unit
E39-F3R
+
(3) Reflective Unit
E39-RP37

E3X-HD

Easy-To-Use Fiber Amplifier

- Use fibers with a special polarizing filter for the highly stable detection of transparent film!

Specifications

Increased Ranges!

Power supply voltage	: DC12-24V
Control output	: PNP/NPN
Response speed	: 50μs

Photoelectric Sensors

→ Detection of Transparent Sheets

E3ZM-B__

Transparent Object Detection

- Use of a special polarizing filter for the stable detection of a transparent object.

Specifications

Size	: 31 * 20 * 10.8 mm
Sensing Distance	: 500mm (w/E39-RP1)
Power supply voltage	: DC10-30V
Control output	: PNP/NPN

Detection of Sheet / Film Sag

Inductive Proximity Sensors

E2B

Premium series for long distance detection

- Wide variety of extended range cylindrical proximity sensors.

Specifications

Size	: M8/M12/M18/M30
Sensing distance	: 4mm/8mm/16mm/30mm
Power supply voltage	: DC12-24V
Control output	: DC3wire, PNP/NPN
Connection	: Pre-wire, Connector

E2E

Premium series for tough environments

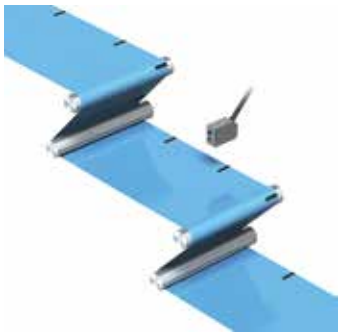
- For harsh, oily environments.

Specifications

Size	: M8/M12/M18/M30, others
Sensing distance	: DC2wire 2mm/3mm/7mm/10mm DC3wire 1.5mm/2mm/5mm/10mm
Power supply voltage	: DC12-24V
Control output	: DC3Wire/DC2wire, PNP/NPN
Connection	: Pre-wire, Connector

Detection of Register Marks / Detection of Sheet Seam

Photoelectric Sensors



→ All-round Use

E3ZM-V

Color Mark Detection

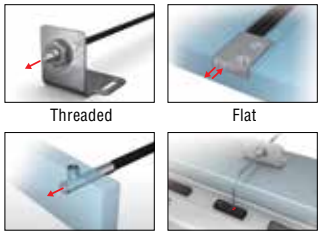
- White LED for the discernment of all colors.

Specifications

Size	: 31 * 20 * 10.8 mm
Sensing Distance	: 12±2mm
Power supply voltage	: DC10-30V
Control output	: PNP/NPN

E32

Wide variety of fiber unit designs and applications to select from



Fiber Sensors

→ Compact Amplifier

E3X-HD

Simple Fiber Amplifier

- Quick-tuning to automatically adjust light level and set threshold value.

Specifications

Increased Ranges!

Power supply voltage	: DC12-24V
Control output	: PNP/NPN

→ Sheet Flapping

E3X-DAC-S

Color Sensing Digital Fiber Sensor

- High resistance to target vibration and white LED for stable detection of all colors.

Specifications

Power supply voltage	: DC12-24V
Control output	: PNP/NPN

Conveyor Speed Control

Inverters

JX Series

Simple, Compact Inverters

Specifications

- Side-by-side mounting
- V/f control
- Built-in radio noise filter
  (Excluding single-phase/three-phase 200-V models)

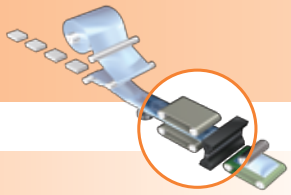
MX2 Series

Multi-function Compact Inverters with a wide range of capacity variation

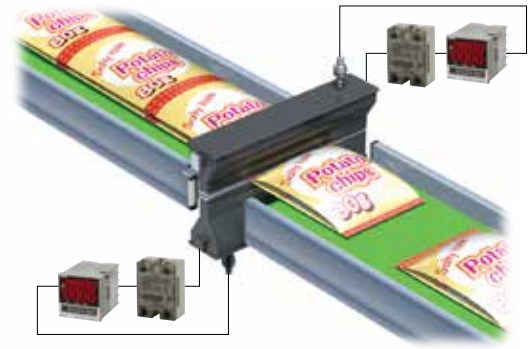
Specifications

- Control : Simple position control with pulse feed-back function (standard feature)
- High Starting torque : 200% at 0.5 Hz

Seal Area



Temperature Control in Seal Area



Temperature Sensor (General purpose Models)

E52

A Great Variety of High-precision Temperature Sensors.

Specifications

Description :
Sheathed platinum resistance thermometer,
Sheathed thermocouple

Temperature Controllers

E5CC/E5EC

Easy-to-Read Large White PV Display

- E5CC (48×48mm) / E5EC (48×96mm)

Specifications

Power supply voltage	:	100 to 240 VAC 24 VAC / 24 VDC
Sensor Input	:	Thermocouple Platinum resistance thermometer Infrared temperature sensor
Analog input	:	Current input 4 to 20 mA or 0 to 20 mA Voltage input 1 to 5 V, 0 to 5 V, or 0 to 10 V
Control output	:	Relay output / Voltage output (for driving SSR)

- The white LCD display is easy to read in the subdued lighting conditions found in most control rooms.
- PV Display Height
  - E5CC 15.2 mm
  - E5EC 18 mm

Solid State Relays

G3NE

- Compact, Low-cost, SSR switching 5 to 20A.

Specifications

Rated input Voltage	:	5, 12, 24 VDC
Rated load Voltage	:	100 to 240 VAC
Load Current	:	with radiator 0.1 to 20A without radiator 0.1 to 5A
Isolation method	:	Phototriac coupler
Zerocross function	:	Yes

G3NA

- Wide variety of applicable loads from 5 to 90 A.

Specifications

Power Supply Voltage	:	5 to 24VDC 100 to 240VAC
Rated load voltage	:	24 to 240 VAC 200 to 480 VAC 400 to 600 VAC (G3NA-D210B 5 to 200VDC)
Rated current	:	(With radiator) ~Max Value : ~5A/~10A/~20A/~40A ~50A/~75A/~90A
Isolation method	:	Phototriac coupler or photocoupler
Zero-cross function	:	Yes

G3PE

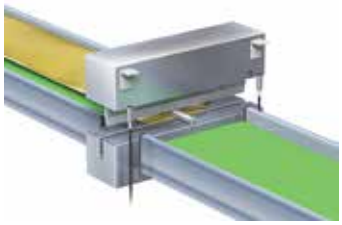
- SSR integrated with radiator in a compact, slim model for switching heaters.

Specifications

Power Supply Voltage	:	12 to 24 VDC
Rated load voltage	:	100 to 240 VAC/200 to 480 VAC
Rated current	:	~Max Value : ~15A/~25A/~35A/~45A
Isolation method	:	Phototriac coupler
Zero-cross function	:	Yes/No

Detect Workpiece Engagement

Inductive Proximity Sensors



E2B

Premium series for long distance detection

- Wide variety of extended range cylindrical proximity sensors.

Specifications

Size	: M8/M12/M18/M30
Sensing distance	: 4mm/8mm/16mm/30mm
Power supply voltage	: DC12-24V
Control output	: DC3wire, PNP/NPN
Connection	: Pre-wire, Connector

E2E

Premium series for tough environments

- For harsh, oily environments.

Specifications

Size	: M8/M12/M18/M30, others
Sensing distance	: DC2wire 2mm/3mm/7mm/10mm DC3wire 1.5mm/2mm/5mm/10mm
Power supply voltage	: DC12-24V
Control output	: DC3Wire/DC2wire, PNP/NPN
Connection	: Pre-wire, Connector

Control of Heat Seal Time

Timers/Counters

H5CX

- High Visibility, 12mm-high color display.

Specifications

Multifunction timer
Timer and twin timer in one unit
Time Range: 0.001s to 9999H
Short body with depth of only 59 mm
(for 24-VAC / 12 to 24-VDC Models with Screw Terminals).
The present value display characters can be switched between red, green, and orange.
15 output mode

H3CR

- Time range and selectable output mode.

Specifications

Time range	: Multiple ranges between 0.05 s to 300 h
Power supply voltage	: 220VAC/110VAC/24VDC
Output	: Time-limit DPDT or time-limit SPDT + instantaneous SPDT
Other models	
Twin Timer	: H3CR-F
Star-delta Timer	: H3CR-G
Power OFF-Delay Timer	: H3CR-H
Multi Function	: H3CR-A

Counting in Fixed-size Cutting

Counters

H7CX

- High Visibility, 12mm-high color display.

Specifications

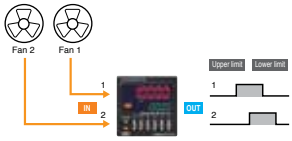
Preset counter, tachometer, and 4 other functions in one Unit.
Counting speed: 30 Hz or 5 kHz
Increment, decrement, or increment/decrement operation
Multifunction Preset counter, tachometer and 4 other functions in one unit
Counting speed: 30Hz or 5 kHz
Increment, decrement, or increment/decrement operation
The present value display characters can be switched between red, green, and orange.

H7CX

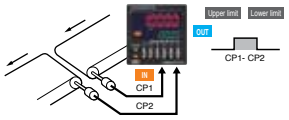
Complete Tachometer Functionality

1) One-input measurement
Measurement operation with one input.
Select the HI-LO, AREA, HI-HI, or LO-LO output mode.

2) Independent Measurement for Two Inputs.
Measurement operation with two independent inputs.



3) Differential Input for Two Inputs.
Measuring the difference between two inputs (CP1 - CP2).



4) Absolute Ratio for Two Inputs.
Measuring the ratio between two inputs (CP1/CP2).

Control Area

Automation Software

Software Suites

Sysmac Studio

- True Integrated Development Environment and suite for the Sysmac NJ platform, including configuration and programming for logic, motion, vision, safety, robotics, enterprise, and HMI.

Specifications

Part #	: SYSMAC-STUDIO-1USER 1-User License and DVD (other license levels available)
OS	: Windows: XP, Vista, 7, 8
Controllers	: Sysmac NJ Controller, and associated products

CX-One

- The CX-One software suite allows users to build, configure and program PLCs, HMIs, Temperature Controllers, Motion & Networks.

Specifications

Part #	: CXONE-AL01D-V4 1-User License and DVD (other license levels available)
OS	: Windows: XP, Vista, 7, 8
Controllers	: CJ2 and CP1E/L/H PLCs and associated products

Powerful & Flexible Control

MAC Machine Automation Controller

NJ

- Industry leading integrated controller with rack-free modular expansion.
- Logic, motion, vision, safety, robotics, and enterprise in one.
- Built-in EtherNet/IP and EtherCAT.
- Tag based architecture.

Specifications

Power Supply	: 24VDC, 100 to 240VAC
Program Capacity	: 5MB, 20MB
Built-in Communications Ports	: USB, EtherCAT, EtherNet/IP
Maximum I/O	: 2,560

PLC

CJ2

- High performance, rack-free, modular PLC.
- Integrated EtherNet/IP available.
- Extensive motion, communication, and Analog expansion.

Specifications

Power Supply	: 24VDC, 100 to 240 VAC
Program Capacity	: 5K to 60K Steps, 50K to 400K Steps
Built-in Communications Ports	: USB, EtherNet/IP, RS-232C
Maximum I/O	: 2,560

CP1E/L/H

- Fully featured Micro PLC family.
- Integrated Ethernet available.
- Integrated Analog available.
- I/O, Analog, and basic expansion.

Specifications

Power Supply	: 24 VDC, 100 to 240 VAC
Program capacity	: 5k - 10k steps
Communications Port	: 1 - 2 port options + integrated ports
Built-in digital I/O	: 10, 14, 20, 30, 40, 60 point
High-speed counters	: 2 inputs (100 kHz)
Pulse outputs	: 2 outputs (100 kHz)
Analog I/O	: 1-2 pt in # optional expansion

Vibrant & Clear Display

Operator Interface Terminals

NB Series

- Value displays from 3.5 to 10.1 inch.
- Feature-rich standard interface with class leading color, brightness, and longevity, as well as timesaving maintenance/troubleshooting options.

Specifications

Power supply voltage	: 24VDC
Communication ports	: RS232, RS422, Ethernet, USB
Screen sizes	: 3.5/5.6/7/10.1-inch
Internal memory	: 128MB
Backlight life	: 50,000 Hours @ 25˚C

NS Series

- 5.7 to 15-inch bright and crisp displays.
- High function, high reliability operation, maintenance, and troubleshooting features with Class 1 Div 2 rating.

Specifications

Power supply voltage	: 24 VDC
Communication ports	: RS-232C, RS-422A/485, USB, Ethernet
Screen sizes	: 5.7/8.4/10.4/12.1/15-inch
Internal memory	: 60MB
Backlight life	: 75,000 Hours @ 25˚C

NA Series

- 7 to 15-inch widescreen high-resolution display
- Programmed within Sysmac Studio
- Video, Document, and VB.Net customization capabilities

Specifications

Power supply voltage	: 24 VDC
Communication ports	: RS-232C, Ethernet, USB
Screen sizes	: 7/9/12.1/15.4-inch
Internal memory	: 256MB
Backlight life	: 50,000 Hours @ 25˚C

Easy Operation

Pushbutton Switches / Indicators

A22R/M22R

- Easy to Wire.
- Selector, Key-selector, and Indicator are available.

Specifications

Rated load	: 3A, 240VAC

Quantity Count

Self-powered Totalizer

H7E_-N

- Compact Economical Totalizer with High Visibility Available with Backlight LCD Display.

Specifications

Display	: LCD
Size	: 1/32 DIN
Max. counting speed	: 30Hz/1kHz
Counting range	: 0 to 99999999

Stable Power Supply

Switch Mode Power Supplies

S8VK-G

- Thinner control panel with industry's top class of short body size.

Specifications

Input voltage	: 100 to 240 VAC
Mounting	: DIN Rail mounting
Additional functions	: -40 to 70°C, Dual DC input: 90 to 350 VDC, Power Boost function at 120%
Mounting	: DIN Track mounting

S8VS

- Display for monitoring replacement time.
- Compact size of 40 wide x 95 mm high. (60W)

Specifications

Capacity	: 15/30/60/90/120/180/240/480W
Input voltage	: 85 to 264 VAC
Additional functions	: Overcurrent protection, overvoltage protection, status display, and series operation.
Mounting	: Front mounting and DIN Track mounting

Circuit Switching

General Purpose Relays

MY Series

- Track Record of One Billion Relays Sold Worldwide.

Mini Power Relays

Specifications

Standard model	: MY2, MY4
Model with LED indicator	: MY2N, MY4N
Model with LED indicator and lockable test button	: MY2IN, MY4IN
Contact form	: DPDT, 4PDT
Rated load (resistive)	: 2-pole 5A@250VAC, 5A@30VDC 4-pole 3A@250VAC, 3A@30VDC
Max. switching current	: 2-pole 10A, 4-pole 5A
Rated coil voltage	: 6 to 240VAC, 6 to 110VDC
Electrical endurance	: 2-pole 500,000 ops min 4-pole 200.000 ops min
Ambient operating temperature	: –55 to +70°C
Applicable Socket	: 2-pole PYF08A-E, PYF08S 4-pole PYF14A-E, PYF14S

LY Series

- Compact, General Purpose 15-A and 10-A Relays ideal for many applications.

Power Relays (4 poles) (2 poles)

Specifications

Standard model	: LY1, LY2, LY3, LY4
Model with LED indicator	: LY1N, LY2N, LY3N, LY4N
Model with built-in diode coil surge suppression	: LY1-D, LY2-D, LY3-D, LY4-D
Contact form	: SPDT, DPDT, 3PDT, 4PDT
Rated load (resistive)	: 1-pole 15A@110VAC, 15A@24VDC : 2, 3, 4-pole 10A@110VAC, 10A@24VDC
Rated coil voltage	: 6 to 240VAC, 6 to 110VDC
Electrical endurance	: 1-pole 200,000 ops min. 2-pole 500,000 ops min. 3, 4-pole 200,000 ops min.
Ambient operating temperature	: 1, 2, 3-pole -25 to 55°C 4-pole -25 to 40°C
Applicable Socket	: 1, 2-pole PTF08A 3-pole PTF11A 4-pole PTF14A

MK-S Series

- Exceptionally reliable General Purpose Relay with lockable test button.

Specifications

Standard model	: MKS2P, MKS3P
Model with built-in indicator	: MKS2PN, MKS3PN
Model with built-in LED indicator and lockable test button	: MKS2PIN, MKS3PIN
Contact form	: DPDT, 3PDT
Rated load (resistive)	NO 10A@250VAC, 10A@30VDC NC 5A@250VAC, 5A@30VDC
Rated coil voltage	: 6 to 240VAC, 6 to 110VDC
Electrical endurance	: 100,000 operations min.
Ambient operating temperature	: –40 to +60°C
Applicable Socket	: 2-pole PF083A-E 3-pole PF113A-E

Compact Timing Control

Solid-state Timers

H3DK

- Slim design (22.5mm Width) that mounts to DIN Track.
- Universal AC/DC power input.

Specifications

Time range	: 0.1s to 1200h
Power supply voltage	: 24 to 240V AC/DC, 12VDC
Output	: SPDT relay / DPDT relay
Other models	
Twin Timer	: H3DK-F
Star-delta Timer	: H3DK-G/GE (*)
Power OFF-Delay Timer	: H3DK-H

(*) 240 to 440 VAC

H3Y

- Ultra-compact, space-saving design of 21.5 wide x 28 high.
- Easy time setting with a large knob.

Specifications

Time range	: 0.5s to 3h
Power supply voltage	: 220VAC/110VAC/24VDC
ON-delay operation Output	: Time-limit DPDT or 4PDT

Monitoring of Speed and Revolution

Digital Panel Meters

K3MA-F

- Highly Visible LCD Display with 2-color (Red and Green) LEDs.

Specifications

Supply Voltage	: 100 to 240VAC, 24VAC/DC
Display range	: -19999 to 99999
Max. counting speed	: 30Hz/5kHz
Out type	: Upper Limit/ Lower Limit/ Upper and Lower Limit

OMRON
AUTOMATION & SAFETY

OMRON AUTOMATION AND SAFETY • THE AMERICAS HEADQUARTERS • Chicago, IL USA • 847.843.7900 • 800.556.6766 • www.omron247.com

OMRON CANADA, INC. • HEAD OFFICE
Toronto, ON, Canada • 416.286.6465 • 866.986.6766 • www.omron247.com

OMRON ELECTRONICS DE MEXICO • HEAD OFFICE
México DF • 52.55.59.01.43.00 • 01-800-226-6766 • mela@omron.com

OMRON ELECTRONICS DE MEXICO • SALES OFFICE
Apodaca, N.L. • 52.81.11.56.99.20 • 01-800-226-6766 • mela@omron.com

OMRON ELETRÔNICA DO BRASIL LTDA • HEAD OFFICE
São Paulo, SP, Brasil • 55.11.2101.6300 • www.omron.com.br

OMRON ARGENTINA • SALES OFFICE
Cono Sur • 54.11.4783.5300

OMRON CHILE • SALES OFFICE
Santiago • 56.9.9917.3920

OTHER OMRON LATIN AMERICA SALES
54.11.4783.5300

OMRON EUROPE B.V. • Wegalaan 67-69, NL-2132 JD, Hoofddorp, The Netherlands. • +31 (0) 23 568 13 00 • www.industrial.omron.eu

Authorized Distributor:

Automation Control Systems
• Machine Automation Controllers (MAC) • Programmable Controllers (PLC)
• Operator interfaces (HMI) • Distributed I/O • Software

Drives & Motion Controls
• Servo & AC Drives • Motion Controllers & Encoders

Temperature & Process Controllers
• Single and Multi-loop Controllers

Sensors & Vision
• Proximity Sensors • Photoelectric Sensors • Fiber-Optic Sensors
• Amplified Photomicrosensors • Measurement Sensors
• Ultrasonic Sensors • Vision Sensors

Industrial Components
• RFID/Code Readers • Relays • Pushbuttons & Indicators
• Limit and Basic Switches • Timers • Counters • Metering Devices
• Power Supplies

Safety
• Laser Scanners • Safety Mats • Edges and Bumpers • Programmable Safety Controllers • Light Curtains • Safety Relays • Safety Interlock Switches

Q57I-E-02 Note: Specifications are subject to change. © 2015 Omron Electronics LLC Printed in U.S.A.

Printed on recycled paper.