



EID ELECTRONICS CONTROL SOLUTIONS

PHOTOELECTRIC SENSORS AMPLIFIER BUILT IN CX400

COMPACT PHOTOELECTRIC SENSOR

A long range and small spot!

Special transparent object circuit enhances detectability.

A height difference equal to the thickness of one business card can be detected!

Strong against oil and coolant liquids.

Strong against ethanol.

Strong against noise.

Strong against interference.

Strong even in cold environments.

Less space.

Less processing.

High precision optics and high performance special circuitry.

Less power consumed.

Thru-beam type:

Strong infrared beam.

Strong on dust and dirt.

Retroreflective type:

Long sensing range of 5 m.

Retroreflective type with polarizing filters.

Two sensors can be mounted close together.

Diffuse reflective type:

Beam axis alignment made easy with a high luminance spot beam.

Narrow-view type.

Adjustable range reflective type:

High precision type.

Can sense differences as small as 0.4 mm, with hysteresis of 2 % or less.

Not affected by color.

The difference in sensing range between black and white is 1 % or less.

Select from 2 spot diameters as per the application.



EID ELECTRONICS

Tel (001)2165394517

web site: www.eidelecus.com



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EX30

New Concept in Shape.
Can Be Installed in the Same Way as Standard Fibers.
No amplifier needed.
New Design Solves All Weak Points of Fiber Sensors.
Unbreakable.
Takes up very little space.
No protective tube needed.
Single-point Tightening Cuts Down on Installation Work by Half.
Long Sensing Range.
Incorporates a Sensitivity Adjuster (Reflective type only).
Bright 2-color Indicator.
Waterproof.
High Response Speed of 0.5ms.
Separate Slit Masks Also Available.



EX20

Miniaturization by using single chip optical IC.
Clear beam spot by using a red LED dot light source.
Long sensing range realized.
Incorporates a sensitivity adjuster even in this size.
2 types for suitable mounting.
Universal sensor mounting bracket is available.
Mounting section reinforced.
Mounting spacer for front sensing type is available.
Bright Two-color Indicator.
Waterproof IP67.
Bright Two-color Indicator.





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EX10

Smallest Body, Just 3.5mm Thick.
High-speed Response Time: 0.5ms.
Flexible Mounting.
Bright 2-color Indicator.
Waterproof.
Operation Mode Switch.
Red Beam Makes Beam Alignment Easy.
Mountable with M3 Screws.
Minimum Sensing Object: " 1mm.
Long Sensing Range: 1m (EX-19).
Background Suppression (EX-14).



EQ30

Adjustable Long Range & Fixed-focus Reflective Photoelectric Sensor.
Not affected by object color or background.
Long sensing range 2 m
Two distances (far and near) can be set EQ-34W.
Compact.
Insusceptible to contamination on lens.
Automatic interference prevention.
Mechanical 2-turn adjuster with indicator.
Waterproof.
Plug-in connector type is available.



EX40

Convergent Reflective Photoelectric Sensor.
Stable convergent distance sensing
Compact size (W10H30D18 mm).
Variable OFF-delay timer (EX-43T only).
Waterproof.
Various applications.



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RXLS200

Adjustable Range & Fixed-focus Reflective Photoelectric Sensor.
Not affected by color.
Waterproof.
Not affected by background.
Robust.
Insusceptible to dust.
High-speed response time: 1 ms.



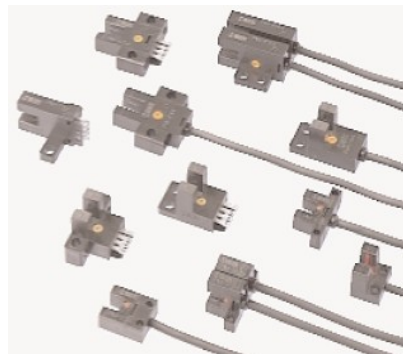
CY

Amplifier Built-in Cylindrical Photoelectric Sensor.
M18 Thread.
Easy to Replace.
Long Sensing Range.
Wide Product Range.
Environment Resistant.
Convenient Options.



PM

U-shaped Micro Photoelectric Sensor.
Extremely small.
Quick fitting hook-up connector.
Equipped with two independent outputs.
Wide model variety.





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PM2

Convergent Reflective Micro Photoelectric Sensor.
Stable Detection by Convergent Reflective Mode.
Not Affected by Background.
Dark Object Detectable.
Minute Object Detectable.
Cable Type is also Available.



NX5

Compact Multi-voltage Photoelectric Sensor.
Long Sensing Range.
High Reliability.
Compact Size.
Easy Alignment.
Interference Prevention.



VF

Terminal Connection Type Multi-voltage Photoelectric Sensor.
New convenient construction.
Retroreflective sensor with polarizing filters.
Long sensing range.
Timer function models.
Non-contact output type available.





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EQ-500

Long sensing range 2.5 m.
Resists color or angle variations.
An easy to set adjuster with indicator.
Multi-voltage.
Convenient timer function models.
Stable sensing even in rough environments prone to water or dust.
Insusceptible to contamination on lens.
Waterproof.



Amplifier-separated Photoelectric Sensor SU7

Slim Body Automatic Sensitivity Setting.
Quick wire connection.
Nine advanced functions for versatile sensing.
Thickness: 10 mm.
Line-focus type / SH-84R.
Pinpoint type with red LED beam / SH-82R.
Pinpoint type with green LED beam / SH-82G.
Chemical resistant type / SH-61R.
Glass substrate detection type / SH-72.
Ultra-slim type / SH-2_
Ultra-small type / SH-3_.



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SPECIAL SENSOR LX-100

Digital mark sensor.
High resolution A/D converter.
Automatic optimal LED selection function.
R-G-B light emitting elements all in one.
High precision coaxial reflective optical system.
4 – digit digital display.
Protection IP67.
2 selectable sensing modes for any application.
Super simple teaching.
External teaching possible.
Compact design for significant space saving.
Key lock function.
Timer function.



M-DW1

WAFER MAPPING SENSOR.
LED beam reflective type.
Sensible nitride-coated wafers.
Safe LEDs Adopted.
Precise Position Detection by 2-segment Receiving Element.
Glass Wafers Are Also Detectable.
High-speed Response Time: 0.5ms.
Compact and Lightweight Design with Built-in Amplifier.
4-way Cable Direction.





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HD-T1

LED TYPE WAFER ALIGNMENT SENSOR.

Best suited for the detection of wafer eccentricity, notches and orientation flats.

No safety measures are required at all.

No need for beam axis alignment.

Adjustment functions for both span and shift have been incorporated into the HD-T1 series.

High resolution of 30µm.

Easy installation.

Low current consumption of 70 mA or less.



LIQUID LEAK/LIQUID LEVEL SENSING EXF70/F60

Leak Detection Sensor.

Amplifier built-in.

High-speed detection even a little liquid leak.

EX-F70 series:

Easy operation check.

PVC mounting bracket available EX-F72_.

Safe design.

Compact, space-saving.

Easy installation & reset.

No need for sensitivity adjustment.

EX-F60 series:

PFA enclosure gives excellent chemical resistance.

Compact, space-saving.

Easy installation & reset.



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EX-F1

Pipe-mountable Liquid Level Detection Sensor.
Amplifier Built-in.
Space-saving amplifier built-in type.
Low price.
Easily mountable and adjustable.
Easy to check operation Indicator.
Operation mode switch.



TH

Hot Melt Glue Detector.
Miniature sensor head Spot type.
Wide sensing area Long sensing range type.
Sensitive and reliable detection.
Suitable for high speed production line.
Sensor head with operation indicator Long sensing range type.
Long sensing range 300mm Long sensing range type.
Easy start-up by teaching.
Eight-channel registration.
Three functions for inspecting hot melt glue application.
OFF-delay timer.



EZ

Water Detection sensor.
Strong Penetration Power.
Not Affected by Drops, Bubbles or Froth.
Adjacent Sensor Mounting Possible.
Plug-in Connector Type Is Available.
IP67 protection.

