

 **+7 911 1008451**
National Service Hotline

Industrial intelligent control solutions

ООО "АЛИЕН РОБОТИКС"

ru.dadisick.com

Tel: +7 911 1008451
Email: Safety@alienrobotics.ru
Web: alienrobotics.ru
Add: 129626, Москва, Новоалексеевская ул, д. 16 к. 4

Specifications may change
Without further notice

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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DA

DADISICK®

Focusing on industrial safety protection
And automated sensors

Product Overview



CE ISO9001:2015
Industrial intelligent
control solutions



DADISICK TECHNOLOGY LIMITED

2026 Ver1.1

COMPANY PROFILE ▶

2017

have the honour to get or win
High tech enterprises

19 years of

focus on safety protection

20 items

Authoritative agency testing
report And quality certification
certificate

Multiple items

national patent



DADISICK TECHNOLOGY LIMITED was established in 2006. It is a high-tech enterprise that integrates the design, manufacturing, and service of photoelectric protection technology. Its mission is to promote safety production awareness and create a safe production environment, providing products and solutions for many fields of social production. Marketed in multiple countries and regions worldwide, with multiple technologies, software copyrights, and trademark patents, our main products include safety light curtains, laser displacement sensors, laser scanning radar, photoelectric sensors, proximity sensors, etc.

As a future oriented company, we have years of practical experience in industrial sites and have won the trust of customers from all over the world. We serve the automation equipment industry, automotive manufacturing, electronic and electrical manufacturing, hardware and electrical appliance manufacturing, and subway screen door systems, among others.



UL American
certification testing



International CE
certification



High tech
certified enterprises



TUV South Germany
Certification Testing



ISO9001: 2015
authentication

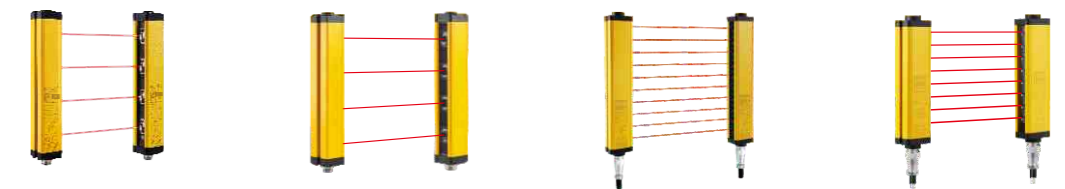
HONORARY CERTIFICATE ▶



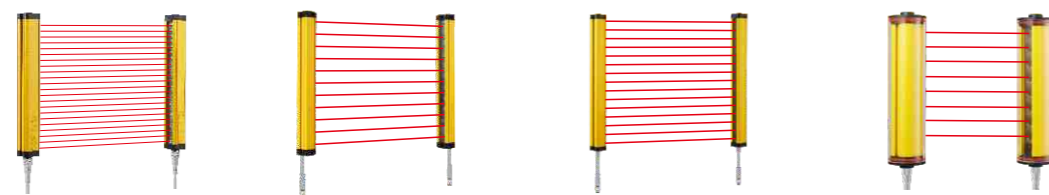


- Adopting line synchronization mode for safe and reliable performance
- Provide various size measurements such as fingers, palms, arms, etc
- Multiple external dimensions, protection heights, and detection methods are available for selection
- Can be quickly customized according to various non-standard needs of customers

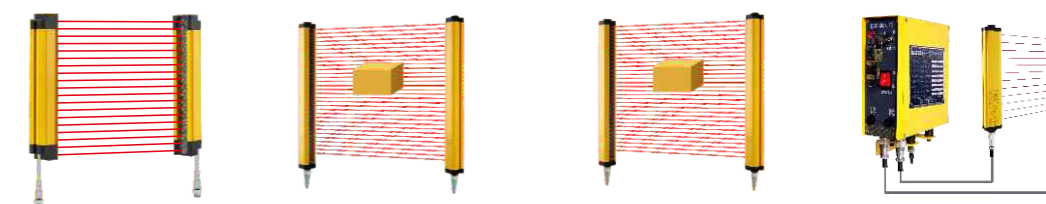
Safety light curtain	04/05/06
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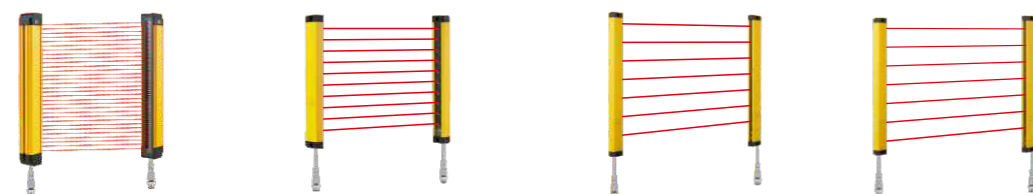
Model	EQC series	EQE series	EQA series	EQT series
Cross-sectional area	30x30mm	30x30mm	35x51mm	35x51mm
Number of optical axes	4~32axes	4~72axes	4~32axes	4~72axes
Protection height	50~3800mm	100~3800mm	50~3400mm	100~2840mm
Protection distance	0.3~3mm	0.3~3mm	0.3~3mm	0.3~3mm
Beam pitch	10/14/20/25/30/40/80/200mm	10/20/40/80/200mm	10/14/20/25/30/40/80/200mm	10/20/40/80mm
working voltage	24V DC ±10%	24V DC ±10%	24V DC ±10%	24V DC ±10%
Output mode	NPN/PNP	NPN/PNP	NPN/PNP	NPN/PNP
Synchronization type	Line synchronization	Line synchronization	Line synchronization	Line synchronization
response time	≤15ms	≤15ms	≤15ms	≤15ms
Protection level	IP65	IP65	IP65	IP65



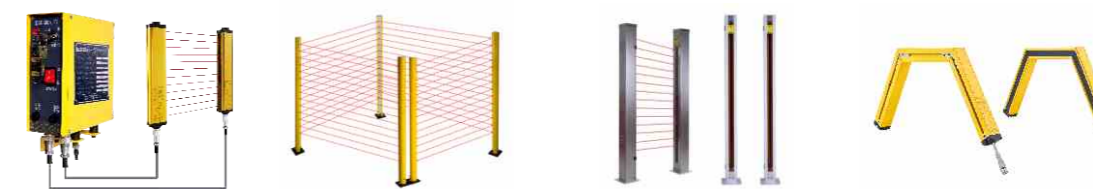
Model	EQCE series	EFT series	EKT series	EQRF series
Cross-sectional area	30x30mm	25x23mm	29.3x29.3mm	φ50mm
Number of optical axes	4~72axes	4~200axes	4~200axes	4~32axes
Protection height	90~2840mm	70~7960mm	70~7960mm	50~2480mm
Protection distance	0.3~3mm	0.3~3mm	0.3~3mm	0.3~3mm
Beam pitch	10/20/30/40mm	10/14/20/40mm	10/14/20/40mm	10/14/20/25/30/40/80mm
working voltage	24V DC ±10%	24V DC ±10%	24V DC ±10%	24V DC ±10%
Output mode	NPN/PNP	NPN/PNP	NPN/PNP	NPN/PNP
Synchronization type	Line synchronization	Optical synchronization	Optical synchronization	Line synchronization
response time	≤15ms	≤15ms	≤15ms	≤15ms
Protection level	IP65	IP65	IP65	IP68



Model	EQO series	EQL series	EQM series	EQS series
Cross-sectional area	30x28mm	36x36mm	36x36mm	35x51mm
Number of optical axes	4~72axes	4~496axes	4~400axes	4~32axes
Protection height	90~2130mm	60~4054.5mm	60~4990mm	50~2480mm
Protection distance	0.3~3mm	0.3~3mm	0.3~3mm	0.3~3mm
Beam pitch	10/20/30mm	1.25/2.5/5/10/20/40/80mm	2.5/5/10/20/40/80mm	10/14/20/25/30/40/80mm
working voltage	24V DC ±10%	24V DC ±10%	24V DC ±10%	24V DC ±10%
Output mode	NPN/PNP	NPN/PNP/RS485 /232/Analog output	NPN/PNP/RS485 /232/Analog output	NPN/PNP
Synchronization type	Line synchronization	Line synchronization	Line synchronization	Line synchronization
response time	≤15ms	≤15ms	≤15ms	≤15ms
Protection level	IP65	IP65	IP65	IP65



Model	EQT4 series	EQZ series	EQB series	EQBT series
Cross-sectional area	30x30mm	17.2x30mm	30x15mm	30x15mm
Number of optical axes	4~319axes	4~32axes	4~32axes	4~200axes
Protection height	90~5970mm	50~2480mm	100~1240mm	70~7960mm
Protection distance	0.3~3mm	0.3~3mm	0.3~3mm	0.3~3mm
Beam pitch	7.5/15/30mm	10/14/20/25/30/40/80mm	20/40mm	10/20/40mm
working voltage	24V DC ±10%	24V DC ±10%	24V DC ±10%	24V DC ±10%
Output mode	NPN/PNP	NPN/PNP	NPN/PNP	NPN/PNP
Synchronization type	Line synchronization	Line synchronization	Line synchronization	Optical synchronization
response time	≤15ms	≤15ms	≤15ms	≤15ms
Protection level	IP65	IP65	IP65	IP65



Model	EQV series	EQSA series	EQLV series Vehicle separation light curtain	Customized collection
Cross-sectional area	35x51mm	35x51mm	35x51mm	
Number of optical axes	4~72axes	4~72axes	4~72axes	
Protection height	100~5680mm	120~2840mm	50~1420mm	
Protection distance	0.3~3mm	0.3~3mm	0.3~3mm	
Beam pitch	10/20/40/80mm	40/80mm	10/14/20/25/30/40/80/200mm	Customization requires contacting customer service
working voltage	24V DC ±10%	24V DC ±10%	24V DC ±10%	
Output mode	NPN/PNP	NPN/PNP	NPN/PNP	
Synchronization type	Line synchronization	Line synchronization	Line synchronization	
response time	≤15ms	≤15ms	≤15ms	
Protection level	IP65	IP65	IP65	



- Can provide very high resolution for angles, distances, and speeds
- Not affected by light, can perform detection tasks 24/7
- Good concealment and strong anti-interference ability
- Small size, light weight, and wide application range



Compact and lightweight in appearance, easy to install, with diverse contact configurations and locking functions, it is the lowest cost solution;
Adapted to multiple operation keys, it provides various choices as a installation method on protective doors, making it widely applicable.

Product Overview ▶



model	ELD-05D/ELD-20D	ELD-05HN/P ELD-10HN/P	ELDS2030B5-5S
measuring range	0.05-5m/0.05-20m	0.05-5m/0.05-10m	0.1-20m
Size (LxWxH)	50x50x76mm	50x50x76.3mm	80x85x102mm
Output method	NPN/PNP	NPN/PNP	Ethernet output
Scanning angle range	270°	270°	300°
Scanning frequency	15Hz/30Hz	15Hz/30Hz	25Hz
Angle resolution	0.1°/0.3°	0.1°/0.3°	0.5°
Power supply voltage	DC 9 V~28 V	DC 9 V~28 V	DC 10V~30 V
Power dissipation	2W	2W	3.4W
Protection level	IP65	IP65	IP67
Weight	150g	150g	600g

Product Overview ▶



model	EOX-W2	EOX-W3	EOX-W5	EOX-D2/D3
Rated voltage	24V DC	24V DC	10-115V AC/DC	10-115V AC/DC
Usage category	AC15/DC13	AC15/DC13	AC15/DC13	AC15
Tensile strength during locking	1300N	1300N	1300N	/
Rated working voltage	240V/30V	240V/30V	240V/30V/250V	400V
Rated working current	3A/2.3A	3A/2.3A	3A/2.3A/2.7A	3A/2.3A/2.7A
Contact material	Silver alloy gold plating	Silver alloy gold plating	Silver alloy gold plating	Silver alloy gold plating
Forced detachment of action force	≥80N	≥60N	≥60N	≥60N
Allow operating frequency	Maximum of 20 operations per minute	Maximum of 20 operations per minute	Maximum of 20 operations per minute	Maximum of 20 operations per minute
Protection level	IP67	IP67	IP67	IP67
service life	Mechanical over 1 million times Electrical appliances over 150000 times	Mechanical over 1 million times Electrical appliances over 150000 times	Mechanical over 1 million times Electrical appliances over 150000 times	Mechanical over 1 million times Electrical appliances over 150000 times

*Note: There are 11 types of insert keys available, which can be used in different scenarios with safety door handles.

EOX-D6 Product Overview

Explanation of the difference between standard and high-performance models

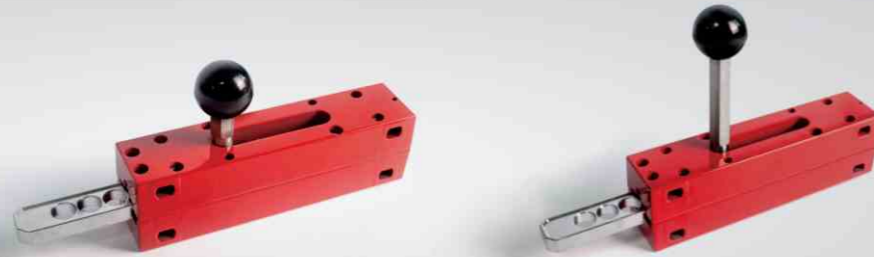
	Standard type	High functional type
Safe output channel	●	●
AUX output channel	●	●
Secure input channel	●	●
Lock input channel	●	●
EDM		●
Reset		●

model	EOX-D6	
Rated voltage	DC24V±15%	
Safety output	NPN*2/PNP*2	
Locking retention force	≥2000N	
Operating frequency	1HZ	
Cascade Link	Up to 20 units	
OSSD output type	Transistor output	
Insertion deviation of lock bolt	≤2mm	
Rated power	4.6W(no-load)	
Protection level	Ip65	
Mechanical durability	>1 million times (door operation speed 1m/s)	
Material	Nylon/Zinc Alloy/Stainless Steel	



Safety door bolt

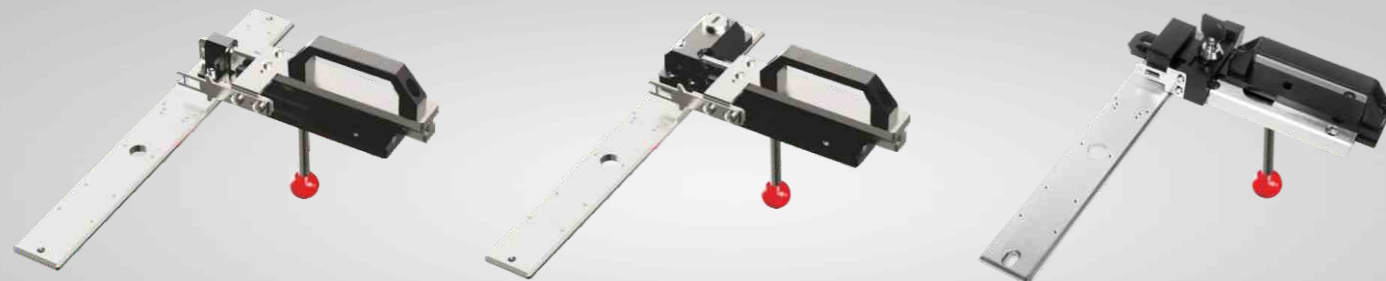
Can be used with EOX-W2, EOX-W3, EOX-W5, EOX-D2/D3



EOXSL-A-1

EOXSL-A-2

Mechanical life	1x10 ⁶ per/cycle	Installation method	Left or right side	Sliding handle material	Zinc alloy
Installation position	Door or fence	Base material	Zinc alloy	Handle material	Stainless steel
Ball head material	Plastic	weight	0.6kg		

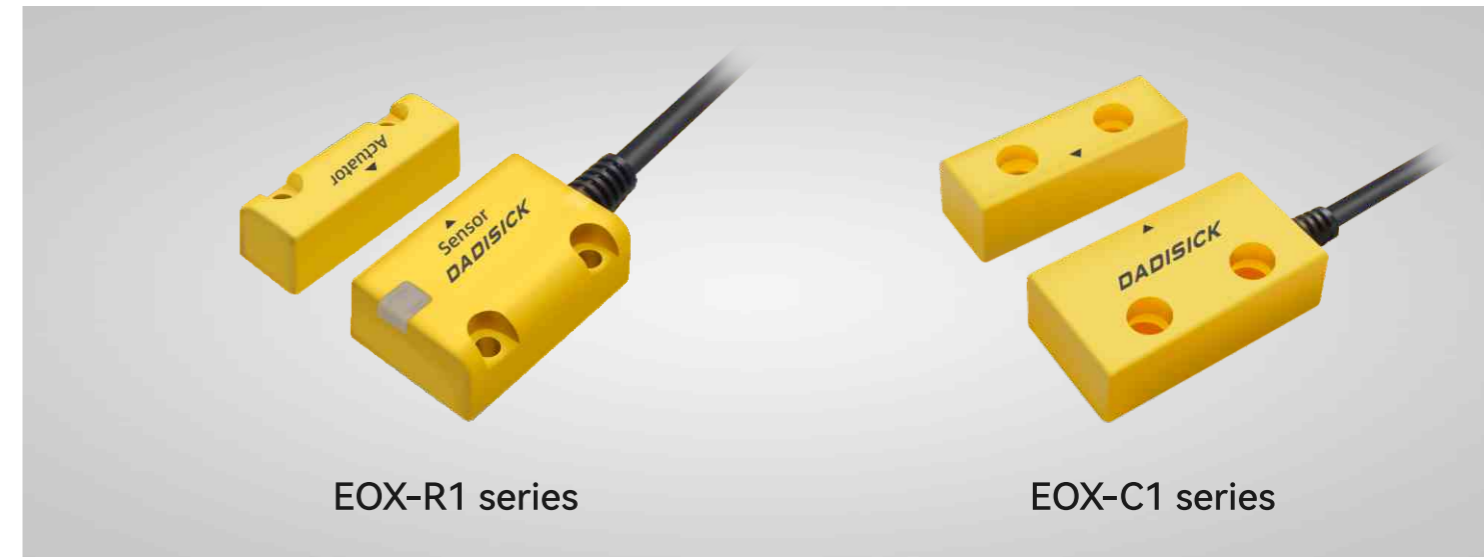


EOXSL-B-1

EOXSL-B-2

EOXSL-B-3

Mechanical life	1x10 ⁶ per/cycle	Installation method	Left or right side	Sliding handle material	Aluminum alloy
Installation position	Door or fence	Base material	Aluminum alloy	Handle material	Stainless steel
Ball head material	Plastic	weight	EOXSL-B-1(0.95kg)/EOXSL-B-2(1.05kg)/EOXSL-B-3(1.05kg)		



EOX-R1 series

EOX-C1 series

- Non contact zero wear detection, impact and vibration resistance, long service life
- Provide universal encoding and unique encoding options
- Using encoding actuators to prevent human tampering and provide effective protection
- Can support cascading use of 30 door switches
- Three sides can be sensed, suitable for L-shaped (vertical) installation

Product Overview

EOX-R1 series technical parameters

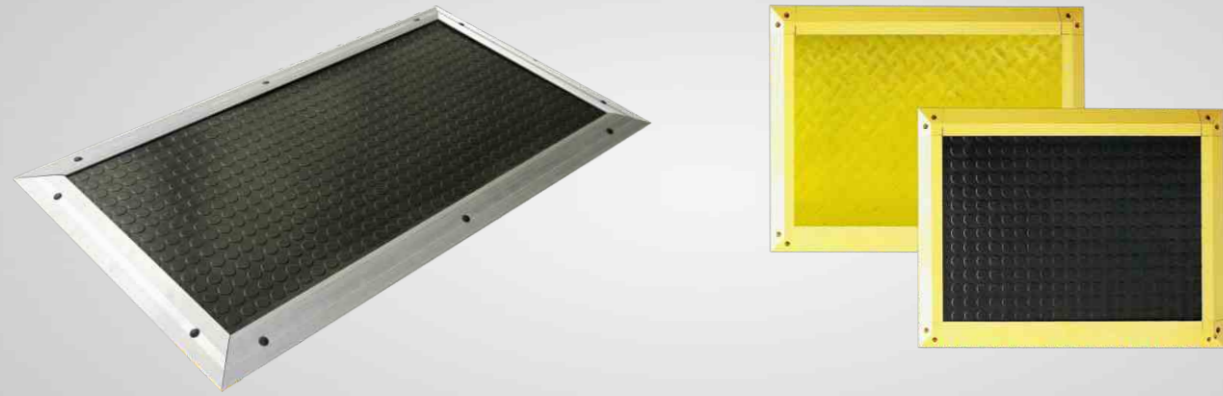
Characteristic				
Universal coding type	EOX-R1-FN-S-P1	EOX-R1-FP-S-P1	EOX-R1-EN-S-P1	EOX-R1-EP-S-P1
Unique encoding type	EOX-R1-FN-D-P1	EOX-R1-FP-D-P1	EOX-R1-EN-D-P1	EOX-R1-EP-D-P1
Type of output	NPN	PNP	NPN	PNP
Cascade	Do not support cascading		support cascading	
Technical Parameter				
Horizontal conductivity distance	0-10mm	Protection grade	IP67(EN60947-5-1)	
Horizontal disconnection distance	> 25mm	Encoding level	Universal coding	Low level coded (ISO 14119)
Vertical conduction distance	0-6mm		Unique code	High level coded (ISO 14119)
Vertical disconnection distance	> 15mm	Interlocking type	Type 4(ISO14119)	
Repeatability	0.5mm	Operating frequency	1Hz	
Working voltage	24VDC	Working temperature	-10°C~+55°C	
Working current	30mA	Relative humidity	5%-95%	
Safe output current	150mA	Material Science	Thermoplastic PBT	
Auxiliary output current	50mA	Cascade	Support cascading model selection	
Response time	60ms	Diagnostic output	support	
		Connection method	Direct outgoing line, with a length of 3 meters	



EOX-C1 series technical parameters

Security level	
Safety level standards	ISO13849-1, IEC/EN60947-5-3
Security classification	Class 3 switch in accordance with ISO13849-1; Dual channel interlock is suitable for Class 3 or Class 4 systems
Output	
Safe output	2个N.C.REEDS
Entry cable	Direct outgoing line (A); Outgoing line with aviation plug (B)
Technical Parameter	
Working distance	Conduction Min:8mm; to break off. Max:17mm
Typical tolerance	Refer to the alignment diagram
Output current (maximum)	200mA
Response time	5ms
Protection level	IP67 (customizable IP69K)
Operating frequency	1Hz
Working temperature	-10~+55°C
Relative humidity	5%-95%
Material Science	UL certified thermoplastic





- High triggering sensitivity, providing safety protection for people weighing over 20 kilograms
- Flexible laying area, customizable safety carpet protection systems of different sizes or shapes according to user requirements
- Different models can be selected to adapt to different working conditions and environmental conditions



model	EDT11	EDT15	EDT14
Detection method	Pressure sensing method	Pressure sensing method	Pressure sensing method
Maximum allowable load	<200kg/cm ²	Impact load<800kg/cm ²	Impact load<700kg/cm ²
Mechanical lifespan	> 3,000,000 time	> 3,000,000 time	> 1,000,000 time
size	Standard size/custom size	Standard size/custom size	Standard size/custom size
Surface protective materials	PVC	NBR rubber	NBR rubber
response time	13ms	13ms	< 30ms
ambient temperature	-20°C~+55°C	-35°C~+65°C	-10°C~+60°C
Protection level	Ip65	Ip65	Ip65
Applicable occasions	Suitable for general working conditions Unable to withstand vehicle crushing and heavy object impact	Suitable for special or heavy working conditions Can withstand limited light vehicle crushing Impact from a heavy object weighing not more than 2KG	Suitable for mixed areas of people small cars, and vehicles safety protection

*Note: Unconventional sizes or splicing sizes can be customized according to customer needs.



The safety contact is a rubber strip pressure-sensitive sensor. Used to detect the danger of moving parts squeezing or shearing people. It is a close proximity safety protection device for automatic equipment that meets the highest safety protection requirements and is used to ensure the safety of personnel in hazardous areas who may face dangerous situations such as pinching, squeezing, and collision.

model	EDB-PSE series
Detection method	Pressure sensing method
Maximum induction angle	< 90°
Trigger force	≥25N-250N
Mechanical lifespan	> 3,000,000次
Surface protection material	EPDM rubber Cr rubber
ambient temperature	-20 °C~55 °C
Protection level	IP65
response time	13ms

model	EDB series
Detection method	Pressure sensing method
Color/Material	Black EPDM
Withstand voltage	≤24V
Withstand current	<1A
Blind spot range	Unilateral 20-30mm
ambient temperature	-20 °C~80 °C
Signal mode	NO
Standard wiring harness	Length: 50cm, customizable, wire diameter: 3.5mm



Safety relay

PLe Cat.4 EN/ISO13849 SIL3 IEC61508 CE

Suitable for monitoring

- Emergency stop button
- Safety switch
- Safety door lock
- Safety light curtain
- Safety scanner
- Safety sensors
- Safety edge
- Safety carpet
- Thumb switch

General parameters	
Output fuse (external)	5A gL/gG
Release response time	< 30ms(From input to output)
Input component tail end detection resistance	1kΩ~10kΩ
Electrical lifespan	80000 times
working temperature	-25°C~85°C
Protection level	Housing IP30, terminal IP20, recommended for installation in Cabinet or shell Ip54
Installation method	Standard 35mm DIN rail/spring clip
size (QSRN)	114.5mmx100.5mmx22.5mm

General parameters	
size (ELS-A/ETer-A)	112mmx99.5mmx22.6mm
Weight	172g
source	
Power supply	24V DC
Voltage tolerance	+10%~20%
Power dissipation	2.9W
output	
Relay safety output	3NO+1NC
Transistor signal output	< 500mA 24VDC

Safety relay



ELS-2A4S



ELS-3A1B.C

ELS-2A4S is a multifunctional intelligent safety relay that supports multiple switch type safety element inputs (such as emergency stop button, safety door, two hand button, etc.). It can support up to 6 safety element inputs, 2 relay safety outputs, and 4 semiconductor outputs. It can use group software to set safety control logic and meet various on-site application needs

Power characteristics		Power characteristics	
Input current	≤10mA(24V DC)	Size	20V~30V DC
Wire resistance	<150	Supply voltage	≤110mA(24V DC)
Input channel	6	Current loss(EL-2A4S)	114.5mmx99.0mmx45mm
protection grade	Ip20	Current loss(EL-3A1B.C)	114.5mmx99.0mmx22.5mm
Relay output characteristics		Semiconductor output characteristics	
Number of contacts	2NO	Number of contacts	4NO
Contact material	AgSnO ₂	Contact fuse protection	5A fast, 3A slow
Contact fuse protection	10A fast, 6A slow	Switching capacity	2A/24VDC
Switching capacity	5A/230V AC:5A/24VDC	Time characteristics	
Control logic		Suction buffer time	<100ms
Support control logic	"AND" or "CAN"	Release buffer time	<30ms
Customize delay setting time according to customer needs	0.1~99s	Recovery time	Emergency stop operation: ≤ 30ms Power failure: ≤ 1000ms

ELS series、ETer-A、EQSRN safety certification

safety certification

Performance Level (PL): PLe	Compliant with EN ISO13849 standard
Safety Category (Cat.): Cat. 4	Compliant with EN ISO13849 standard
Task duration (Tm): 20 years	Compliant with EN ISO13849 standard
Diagnostic coverage rate (DC/DCw): 99%	Compliant with EN ISO13849 and IEC61508, IEC62061 standards
Safety Integrity Level (SIL): SIL3	Compliant with the standard IEC61508 IEC62061
Hardware Failure Tolerance (HFT): 1	Compliant with the standard IEC61508 IEC62061
Safety Failure Factor (SFF): 99%	Meets the standard IEC61508 IEC62061 and the standard EN 60204-1
Probability of Hazardous Failure (PFH): 1.86E-9/h	
Stop Category: 0/1	

Laser displacement sensor



Laser displacement sensors can accurately non-contact measure the position, displacement, and other changes of the measured object, mainly used for detecting objects; The measurement of geometric quantities such as displacement, thickness, vibration, distance, and diameter of a body is widely used.



model	EGFL-Z30N EGFL-Z30NM EGFL-Z30N-485	EGFL-Z50N EGFL-Z50NM EGFL-Z50N-485	EGFL-Z100N EGFL-Z100NM EGFL-Z100N-485	EGFL-Z200N EGFL-Z200NM EGFL-Z200N-485
Measure center distance	30mm	50mm	100mm	200mm
measuring range	±5mm	±15mm	±35mm	±80mm
Repetitive accuracy	10μm	30μm	70μm	200μm
supply voltage	12-24VDC+10%,	12-24VDC+10%,	12-24VDC+10%,	12-24VDC+10%,
Consumption current	Below 40mA, below 60mA	Below 40mA, below 60mA	Below 40mA, below 60mA	Below 40mA, below 60mA
Linear type	±0.1%FS	±0.1%FS	±0.1%FS	±0.2%FS
Temperature characteristic	0.03%FS./°C	0.03%FS./°C	0.03%FS./°C	0.03%FS./°C
Beam diameter	aboutφ50μm	aboutφ70μm	aboutφ120μm	aboutφ300μm
Shell material	Aluminum casting front cover plate; acrylic based	Aluminum casting front cover plate; acrylic based	Aluminum casting front cover plate; acrylic based	Aluminum casting front cover plate; acrylic based
Ambient temperature	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C
Output	Switching quantity, 485 communication, analog quantity (0-5V 4-20mA)			

Laser displacement sensor



model	EGFL-Z400N EGFL-Z400NM EGFL-Z400N-485	EGFL-Z235N EGFL-Z235NM EGFL-Z235N-RS485	EGFL-G30(P)M EGFL-G30(P)M-485	EGFL-G50(P)M EGFL-G50(P)M-485
Measure center distance	400mm	235mm	30mm	50mm
measuring range	±200mm	35-435mm	±4mm	±10mm
Repetitive accuracy	400µm/800µm	10µm	/	/
supply voltage	12-24VDC+10%,	12-24VDC+10%,	12-24VDC+10%,	12-24VDC+10%,
Consumption current	Below 40mA, below 60mA	Below 40mA, below 60mA	Below 40mA, below 60mA	Below 40mA, below 60mA
Linear type	±0.2%FS	±0.2%FS	±0.1%FS	±0.1%FS
Temperature characteristic	0.03%FS./°C	0.03%FS./°C	0.08%FS./°C	0.08%FS./°C
Beam diameter	about φ500µm	about φ500µm	/	/
Shell material	Aluminum casting front cover plate; acrylic based	Aluminum casting front cover plate; acrylic based	Shell: PBT Lens: PMMA	Shell: PBT Lens: PMMA
Ambient temperature	-10°C-+50°C	-10°C-+50°C	-10°C-+45°C	-10°C-+45°C
Output	Switching quantity, 485 communication, analog quantity (0-5V 4-20mA)			



model	EGFL-G85(P)M EGFL-G85(P)M-485	EGFL-G120(P)M EGFL-G120(P)M-485	EGFL-G250(P)M EGFL-G250(P)M-485
Measure center distance	85mm	120mm	250mm
Measuring range	±20mm	±60mm	±150mm
Resolving power	10µm	30µm	75µm
Supply voltage	12-24VDC+10%,	12-24VDC+10%,	12-24VDC+10%,
Consumption current	Below 40mA, below 60mA	Below 40mA, below 60mA	Below 40mA, below 60mA
Linear type	±0.2%FS	±0.2%FS	±0.2%FS
Temperature characteristic	0.08%FS./°C	0.08%FS./°C	0.08%FS./°C
Shell material	Shell: PBT Lens: PMMA	Shell: PBT Lens: PMMA	Shell: PBT Lens: PMMA
Ambient temperature	-10°C-+45°C	-10°C-+45°C	-10°C-+45°C
Output	Switching quantity, 485 communication, analog quantity (0-5V 4-20mA)		

Laser ranging sensor



- Phase based distance measurement with high accuracy and fast speed;
- High precision laser displacement sensor
- Equipped with a built-in screen and menu, it can be set up without connecting to a computer;
- Ip67 protective metal die cast body, capable of adapting to various environments

EGFL-Y Laser ranging sensor



model	EGFL-Y01IU-485-N EGFL-Y01IU-485-P	EGFL-Y02IU-485-N EGFL-Y02IU-485-P	EGFL-Y05IU-485-N EGFL-Y05IU-485-P
Measure distance	0.1-1m	0.1-2m	0.1-5m
Resolving power	1mm	1mm	1mm
Supply voltage	12-24V DC	12-24V DC	12-24V DC
Consumption current	≤50mA	≤50mA	≤50mA
Control output	NPN/PNP	NPN/PNP	NPN/PNP
Reaction time	50-200ms	50-200ms	50-200ms
Protective structure	Ip67	Ip67	Ip67
working temperature	-10°C-+45°C	-10°C-+45°C	-10°C-+45°C
Use elevation	Below 2000m	Below 2000m	Below 2000m
Weight	Approximately 150g	Approximately 150g	Approximately 150g
Output	Switching quantity, 485 communication, analog quantity (0-5V 4-20mA)		

Laser ranging sensor



model	EGFL-Y10IU-485-N EGFL-Y10IU-485-P	EGFL-Y20IU-485-N EGFL-Y20IU-485-P	EGFL-Y50IU-485-N EGFL-Y50IU-485-P
Measure distance	0.1-10m	0.1-20m	0.1-50m
Resolving power	1mm	1mm	1mm
Supply voltage	12-24V DC	12-24V DC	12-24V DC
Consumption current	≤50mA	≤50mA	≤50mA
Control output	NPN/PNP	NPN/PNP	NPN/PNP
Reaction time	50-200ms	50-200ms	50-200ms
Protective structure	Ip67	Ip67	Ip67
working temperature	-10°C~+45°C	-10°C~+45°C	-10°C~+45°C
Use elevation	Below 2000m	Below 2000m	Below 2000m
Weight	Approximately 150g	Approximately 150g	Approximately 150g
Output	Switching quantity, 485 communication, analog quantity (0-5V 4-20mA)		

EDA-Y & EDB-Y Laser ranging sensor



model	Measure distance	Voltage/current output	Voltage output error	Current output error	Output mode	Measurement frequency
EDA-Y10	0.2-10m	/	/	/	RS485/232 + NPN	1-40HZ
EDA-Y20	0.2-20m					
EDA-Y30	0.2-30m					
EDA-Y50	0.2-50m					
EDA-Y100	0.2-100m					

model	Measure distance	Voltage/current output	Voltage output error	Current output error	Output mode	Measurement frequency
EDB-Y10	0.2-10m	Can be set to 0-5V/ 0-10V/ 4-20mA A/ 0-20mA/ 0-24mA output	0.2%+0.5mV	0.2%+0.005mA	Digital quantity + Switching quantity + Analog quantity	1-40HZ
EDB-Y20	0.2-20m					
EDB-Y30	0.2-30m					
EDB-Y50	0.2-50m					
EDB-Y100	0.2-100m					

communication interface	RS232/RS485(Switchable)
Measurement frequency	1Hz-40Hz
Laser type	Class II,660±15nm,≤1mW
Measurement resolution	1mm
Spot size	@1m∅6mm;@10m∅8mm;@20m∅12mm;@30m∅16mm;
Power supply	DC15 ~ 30V
Storage temperature and humidity	-20°C ~ 60°C, 20% ~ 85%RH
Body size	88.45x40x59.3mm(Including connecting seat)

Laser ranging sensor



Long distance
laser rangefinder

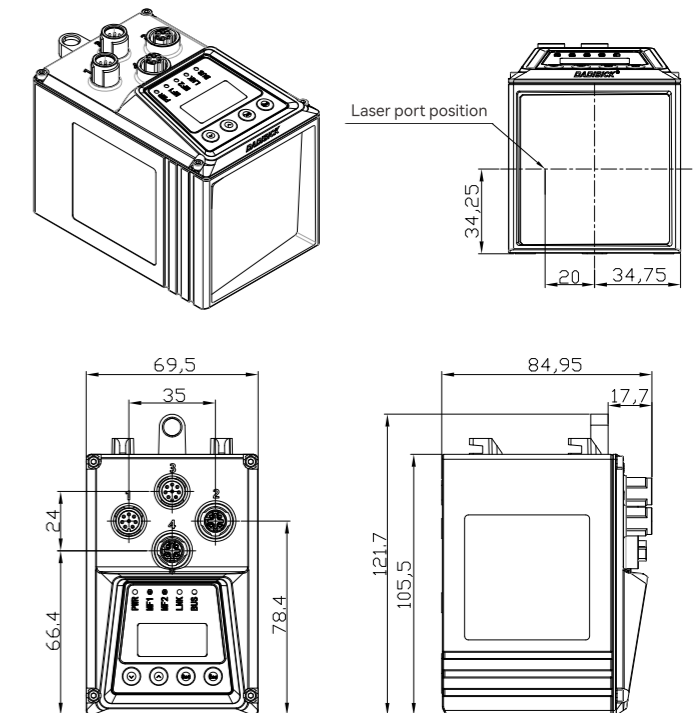
EDS series

DADISICK's new long-range laser rangefinder EDS series can achieve high-precision fixed-point measurement within 200 meters, with a ranging accuracy of up to 2mm; The EDS series is equipped with an intuitive operation panel and status prompts for convenient and quick installation and layout. Unlike conventional phase rangefinders, this product can support measurement frequencies up to 1000Hz, making it particularly suitable for precise positioning and measurement of high-speed moving objects. It is an essential sensor for automated warehousing, logistics, or driving systems.

Product Overview

Essential information			
Product Name	Long distance laser rangefinder Ld100		
model	EDS-80	EDS-120	EDS-200
Measurement characteristics			
Measurement range	80m	120m	200m
Typical values of spot size	100mm (@80m)	150mm (@120m)	240mm (@200m)
Measurement accuracy	±2mm		
Repetitive accuracy	1 mm		
Measurement frequency	1000Hz		
Measurement resolution	0.1mm		
Maximum moving speed	15m/s		
Photoelectric characteristic			
supply voltage	DC 9V...30V		
Working current	0.2 A/12V DC		
Laser light source	Red laser (visible light)		
power waste	2.4W(MAX)		
other			
Data transmission interface	SSI, Ethernet100BASE-TX0.2 A/12V DC		
display	OLED screen (128 * 64 pixels)		
network interface	M12/4-core/D-type female straight head		
Power/SSD interface	M12/8-core/A-type male straight head		
Ability to resist environmental light	≤100,000 lx		
Protection level	Ip65		
size	123*69.5*90(mm)		
weight	600g (excluding wires)		

Product size



Grating displacement sensor



EGFJ grating displacement sensor

Performance characteristics

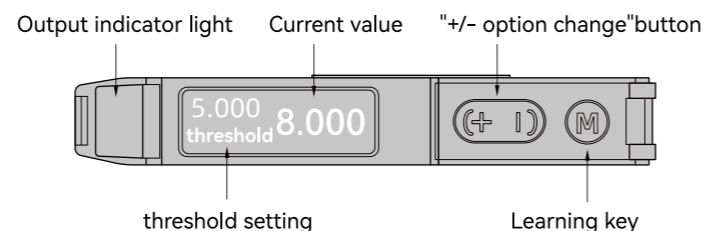
- Working temperature: -10~40 °C
 - Humidity: ≤ 80% RH
 - Absolute measurement (using grating absolute encoding)
 - Waterproof: IP65
- Port output description: RS485

model	measuring range (mm)	Full process accuracy	resolution	d (mm)	f (mm)	Waterproof grade
EGFJ-HA	0-12.7	≤10μm	5μm	68.2	36	IP65
EGFJ-KA		±2μm	1μm			
EGFJ-WA		≤2μm	0.5μm			
EGFJ-GWA	≤1.4μm	0.2μm	99.1	55		
EGFJ-HB	≤10μm	5μm				
EGFJ-KB	±3μm	1μm				
EGFJ-WB	≤3μm	0.5μm				
EGFJ-GWB	≤1.8μm	0.2μm				

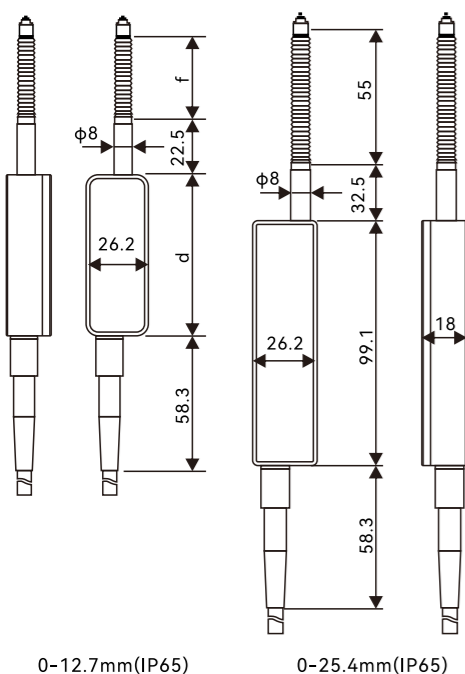
H represents percentage, K represents thousand, W represents ten thousand, and EGW represents high-precision ten thousand
 A represents a measurement range of 12.7mm, B represents a measurement range of 25.4mm

Controller model: EGFJ-01

Controller output description:
 IO output
 485 output
 Analog output (0-5V/4-20mA)



Product size



Digital integrated displacement sensor

Performance characteristics

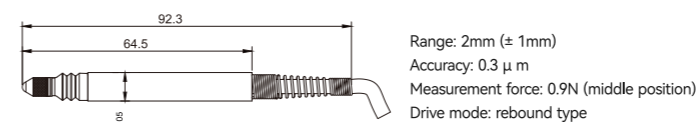
- Working temperature: -10~40 °C
- Humidity: ≤ 80% RH
- Absolute measurement (using grating absolute encoding)
- Waterproof: IP65
- Comes with upper and lower tolerance outputs (PNP)

Port output description: RS485
 I/O: 2PNP

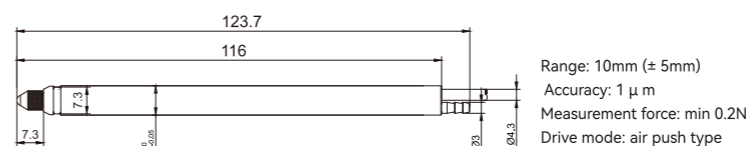
product type	EGFK series	EGFW series
Percentile	Thousandth	Ten thousand positions
Can be paired with sensor range	Rebound 2mm/5mm/10mm/ Pneumatic 10mm, spring type, etc	
resolving power	0.1um	
Repetitive accuracy	< 1um	
Supply voltage	DC12V	
working temperature	-10~60°C	
Storage temperature	-20~70°C	
Product size	90x23x21(mm)	
Line length	2m+1m (output line 1m)	
Installation form	Standard DIN rail	
remarks	Need to match sensors with other ranges, communicate with sales in advance	

Inductive displacement model size

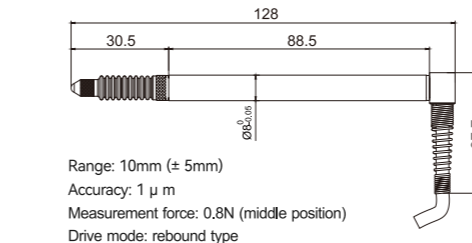
- EGFK/W-02 2mm rebound sensor



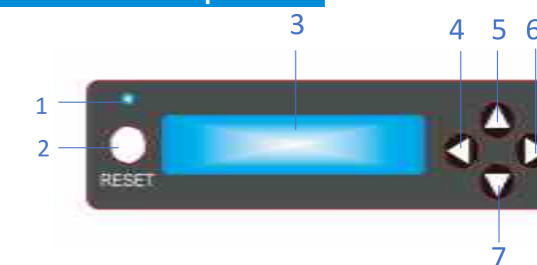
- EGFK/W-10L 10mm air push sensor



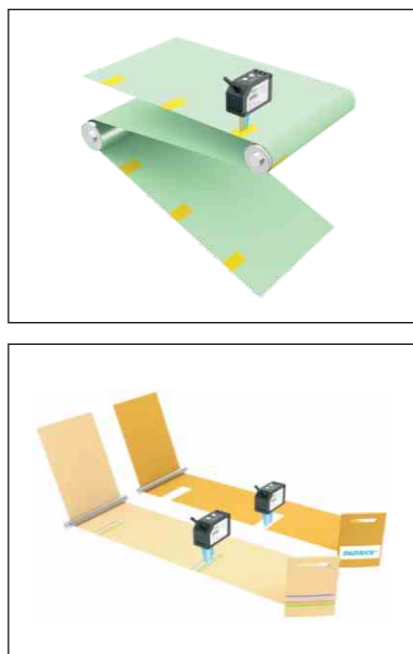
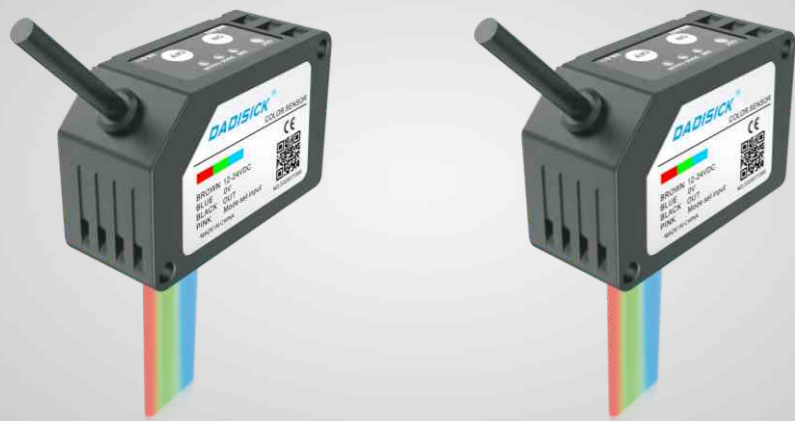
- EGFK/W-05S 5mm rebound sensor (side outlet)



Panel Description



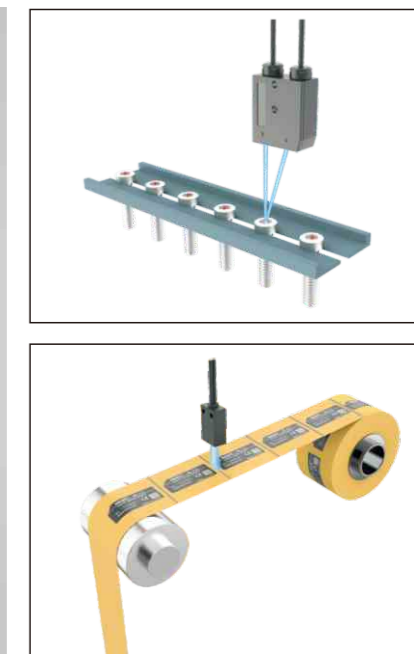
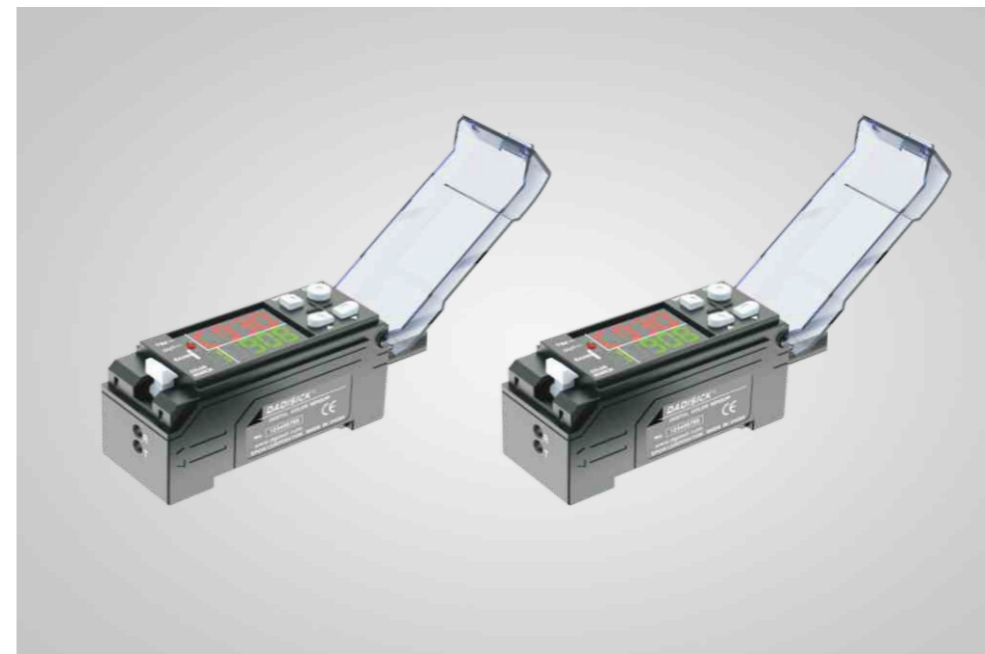
- Status light: displays the detection status
- RESET button: Sensor data reset/upper and lower tolerance and correction value settings save/measurement function switch
- Data Window: Display measured or set values (unit: um)
- Left arrow key: Set the digit to move left/activate the out of tolerance buzzer alarm
- Up key: Up tolerance setting mode/tolerance increment, increasing by 1 each time
- Right arrow key: Set digital shift to the right/disable out of tolerance buzzer alarm
- Down key: Lower tolerance setting mode/Decrease tolerance by 1 each time



- The size is 1.5 * 7 linear spot, suitable for detection in different application environments;
- The detection distance is 28mm, which is 2-3 times the detection distance of similar color code sensors;
- High anti shake performance by adjusting accuracy to eliminate the impact of shake on the detected object;
- Accurate identification and stable and reliable detection of object edges or critical positions of two different colors;
- Equipped with two detection modes of color and color code, the performance is greatly superior to ordinary color codes;
- Two point setup, simple and convenient, compact in size, suitable for installation in different spaces.

Integrated Color code sensor

Type	NPN	PNP
Model	EGS-101N	EGS-101P
Detection distance	18-28mm	
Supply voltage	24V DC± 10% pulsation P-P below 10%	
Power Consumption	Power below 850mW (power supply voltage 24V, current consumption below 35mA)	
Mode switching input	Color code mode Low (ON) 0-0.6V DC Outflow current below 0.5mA Input impedance of approximately 10k Ω	Low (OFF) 0-0.6V DC or open
	Color mode High (OFF) 12 to+24V DC or open	High (ON) 12~+24V DC Outflow current below 3mA Input impedance of approximately 10k Ω
Output	NPN open collector transistor ·Maximum inflow current 50mA ·Applied voltage below 30V DC (between output and 0V) ·Remaining voltage below 1.5V (when inflow current is 50mA)*	PNP open collector transistor ·Maximum inflow current 50mA ·Applied voltage below 30V DC (between output and+V) ·Remaining voltage below 1.5V (when the outflow current is 50mA)*
Output operation	Color code mode	ON during color code detection
	Color mode	ON when consistent
Short circuit protection	Equipped with (automatic recovery)	
Reaction time	Belows 200μs	
Ambient temperature	-10~+55 °C, no freezing, no condensation	
Environmental humidity	35 to 85% RH, no condensation	
Projection element	Composite LED: red/green/blue (Projection peak wavelength: 640nm/525nm/470nm)	
Material quality	Shell: PBT/Operation panel: PC/Operation buttons: Silicone/Lens: PC	
Cable	0.2mm ² 4-core rubber cable, standard length 2m Brown: +V/Black: Output/Pink: Mode transition Input/Blue: 0V	
Weight	Approximately 104g	



- Accurate identification of subtle color differences;
- 4 channel design, saving space and cost;
- Accurately recognize over 1000 colors;
- Suitable for detecting self luminous objects.

Digital RGB color sensor

model	EGS-C1	EGS-C1P
Light source	Red LED, green LED, blue LED	Red LED, green LED, blue LED
Reaction time	200μs(HPS)/1ms(FINE)	200μs(HPS)/1ms(FINE)
Ambient temperature	-10°C~+55°C	-10°C~+55°C
Error value adjustment	Number display value setting	Number display value setting
Differential recognition mode	C mode/C+I mode/I mode	C mode/C+I mode/I mode
Control output	NPN/PNP	NPN/PNP
Source	12-24V DC	12-24V DC
Output	NPN/PNP	NPN/PNP
Mode weight	Approximately 170g	Approximately 170g

Type	Small and adjustable	Small adjustable side view	Long inspection distance	Short inspection distance	Small light spot	Regional beam points, reflective type	
Model	GB-C10	GB-C11	GB-C40	GB-C41	GB-C42	GB-C12	GB-C15
Exterior							
Detection distance	10-30mm	3-15mm	70± 20mm	16± 4mm	60± 10mm	5-20mm	5-10mm
Minimum light spot diameter	Φ0.9-3.5mm	Φ0.9-1.5mm	Φ6mm	Φ1mm	Φ2mm	-	1.5*7mm
Minimum bending diameter	R25mm		R15mm		R25mm	-	R25mm
Protection level	IP40		IP67		-	-	-
ambient temperature	-40~+70 °C, no condensation						

Ultrasonic sensor



Ultrasonic sensors have shown excellent performance in non-contact positioning and distance measurement applications. Not affected by color and shape, Not limited by the material of the tested target, it is widely used in industrial control automation scenarios

model	ECSB12-120	ECSB12-200	ECSB18-300	ECSB18-500	ECSB18-1000	ECSC18-1000	ECSC30-2500
Detection scope	20-120mm	20-200mm	30-300mm	50-500mm	60-1000mm	60-1000mm	150-2500mm
Blind spot	20mm	20mm	30mm	50mm	60mm	150mm	150mm
resolving power	0.1mm	0.1mm	0.1mm	0.15mm	0.17mm	0.2-0.5mm	0.2-0.5mm
Repetitive accuracy	±0.15%	±0.15%	±0.15%	±0.15%	±0.15%	±0.15%	±0.15%
Launch Exit	Straight head	Straight head	Straight head/ elbow	Straight head/ elbow	Straight head/ elbow	Straight head/ elbow	Straight head/ flange

model	ECSB30-2000	ECSB30-4000	ECSB30-6000	ECSR-2000	ECSR-3000	ECSDB
Detection scope	100-2000mm	200-4000mm	350-6000mm	100-2000mm	150-3000mm	150-3000mm
Blind spot	100mm	200mm	350mm	100mm	150mm	5mm
resolving power	0.17-0.5mm	0.17-1.5mm	0.17-2.5mm	0.17mm	0.17mm	/
Repetitive accuracy	±0.15%	±0.15%	±0.15%	/	/	/
Launch Exit	Straight head	Straight head	Straight head	plastic	plastic	Groove type

- Supports standard Modbus communication protocol
- Provide 485 communication and switch output

model	ECSDA12-40	ECSDA18-60	ECSDA30-100
Detection scope	20-40mm	20-60mm	30-100mm
Launch Exit	Straight head	Straight head	Straight head

Photoelectric sensor



- Provide multiple models, thin, square, cylindrical, transparent, and background
- Free switching between light in action (L.on) and shading action (D.on)
- The metal shell is sturdy and durable, while the plastic shell is economical and easy to install
- Short circuit protection and reverse polarity protection function
- The maximum switching frequency can reach 5000Hz

cylindrical Photoelectric sensor

model	EGM03-04N/P	EGM04-07N/P	EGM05-13N/P	EGM06-20N/P	EGM08-20N/P
Installation method	diffuse reflection	diffuse reflection	diffuse reflection	diffuse reflection	diffuse reflection
Sensing distance	04cm	07cm	13cm	20cm	20cm
response time	Below 5ms	Below 5ms	Below 5ms	Below 5ms	Below 5ms
working voltage	10~24V DC±10	10~24V DC±10	10~24V DC±10	10~24V DC±10	10~24V DC±10
Control output	NPN/PNP	NPN/PNP	NPN/PNP	NPN/PNP	NPN/PNP
Flare Type	Invisible red light	Invisible red light	Invisible red light	Invisible red light	Invisible red light

cylindrical Photoelectric sensor

model	EGM12-**N/P	EGM12-***N/P	EGM12_**N/P	EGM18-**N/P	EGM18-***N/P	EGMP18-10N/P	EGMP18-40N/P
Installation method	diffuse reflection	diffuse reflection	Contra ejaulation	Contra ejaulation	Specular reflection	diffuse reflection	diffuse reflection
Sensing distance	30cm	30/50/100cm	200/500cm	500/1500cm	200/300cm	10cm	40m
Response time	< 0.8ms	< 0.8ms	< 0.8ms	< 0.8ms	< 0.8ms	< 0.8ms	< 0.8ms
Working voltage	10-30V DC	10-30V DC	10-30V DC	10-30V DC	10-30V DC	10-30V DC	10-30V DC
Control output	NPN/PNP	NPN/PNP	NPN/PNP	NPN/PNP	NPN/PNP	NPN/PNP	NPN/PNP
Entry cable	2M/4-core cable	2M/4-core cable	2M/4-core cable	2M/4-core cable	2M/4-core cable	2M/4-core cable	2M/4-core cable

Photoelectric sensor

Background suppression type Photoelectric sensor



model	EGB43-10N/P	EGB43-30N/P	EGFL43-30N/P	EGB45-30N-ZAA
Installation method	Diffuse reflection photoelectric sensor	Diffuse reflection photoelectric sensor	Diffuse reflection photoelectric sensor	Diffuse reflection photoelectric sensor
Detection distance	30-100mm(Adjustable)	30-300mm(Adjustable)	30-300mm(Adjustable)	25-300mm(Adjustable)
response time	5ms	5ms	5ms	1ms
working voltage	10-30V DC	10-30V DC	10-30V DC	10-30V DC
Protection level	IP65	IP65	IP65	IP65
light source	Visible LED red light	Visible LED red light	Visible LED red light	Visible LED red light

Background suppression type Photoelectric sensor



model	EGB41-30N/P	EGB42-20N/P	EGB43-100N/P-ZAA
Installation method	diffuse reflection	diffuse reflection	diffuse reflection
Detection distance	1-30cm	1-20cm	3-15cm
Response time	≤0.5ms	< 2ms	< 2ms
Working voltage	10-30V DC	10-30V DC	10-30V DC
Control output	NPN/PNP	NPN/PNP	NPN/PNP
Protection level	IP67	IP65	IP64

Universal square Photoelectric sensor



model	EGF18-50N-ZAA	EGF18-150N-ZAA	EGF18-400N-ZCA	EGF18-1500N-ZBA
Installation method	diffuse reflection	diffuse reflection	Specular reflection	Contra ejaculation
Sensing distance	50cm	150cm	400cm	1500cm
Response time	1ms	1ms	1ms	1ms
Working voltage	10-30V DC	10-30V DC	10-30V DC	10-30V DC
Control output	NPN/PNP	NPN/PNP	NPN/PNP	NPN/PNP
Light source	Red LED 623nm	2M/3-core cable	2M/3-core cable	2M/3-core cable

Photoelectric sensor

Universal square Photoelectric sensor



model	EGF21-150	EGF20-30N-ZAA	EGF20-500N-ZBA	EGF20-20N-ZCA	EGF20-20N-ZCA	EGF20-20N-ZCA
Installation method	Contra ejaculation	diffuse reflection	Contra ejaculation	Specular reflection	Specular reflection	Specular reflection
Sensing distance	150cm	30cm	150cm	20cm φ10mm/20cm	200cm φ50mm/2m	300cm φ90mm/3m
Response time	< 1ms	1ms	1ms	1ms	1ms	1ms
Working voltage	12-24V DC	10-30V DC	10-30V DC	10-30V DC	10-30V DC	10-30V DC
Control output	NPN/PNP	NPN/PNP	NPN/PNP	NPN/PNP	NPN/PNP	NPN/PNP
Light source	InfraredLED(940nm)	Red LED (623nm)	Red LED (623nm)	Red LED (623nm)	Red LED (623nm)	Red LED (623nm)

Flat shape Photoelectric sensor



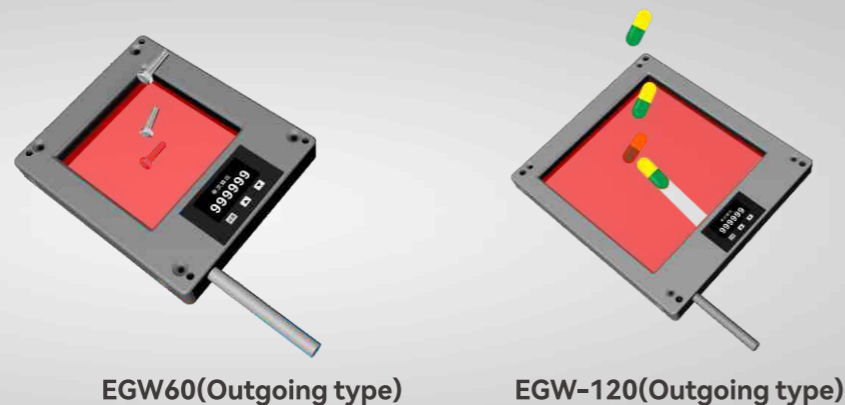
model	EGP30-40N/P	EGP31-40N/P
Installation method	diffuse reflection	diffuse reflection
Detection surface	front	side
Detection distance	40mm(White paper)	40mm(White paper)
Response time	< 1ms	< 1ms
Working voltage	12-24V DC	12-24V DC
Control output	NPN/PNP	NPN/PNP
Light source	Infrared LED (940nm)	Infrared LED (940nm)

Micro type Photoelectric sensor



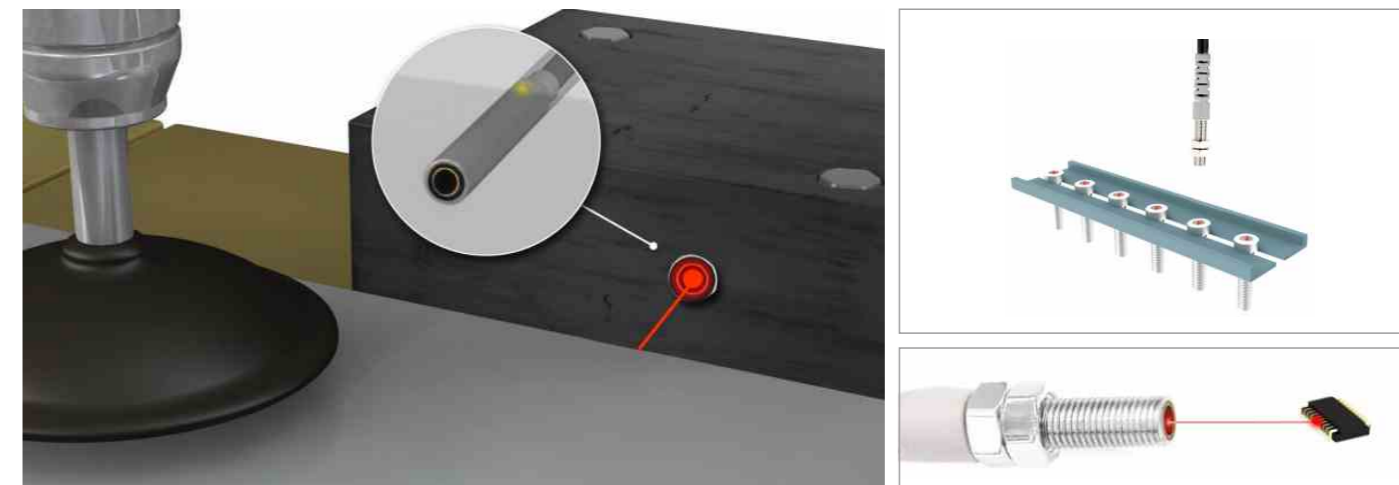
model	EGSB-12N/P	EGFS51N/P	EGP13-D03N/P-ZAA	EGP13-D30N/P-ZBA EGP13-D50N/P-ZBA	EGP13-L30N/P-ZAA EGP13-L50N/P-ZAA
Installation method	Diffuse reflection, background suppression function	Contra ejaculation	Front detection	Frontal shooting	Side shooting
Detection distance	0.2-15cm	200cm	0.2-3cm	30cm/50cm	30cm/50cm
Response time	≤0.6ms	1ms	< 1ms	< 1ms	< 1ms
Working voltage	12-24V DC	12-24V DC	12-24V DC	12-24V DC	12-24V DC
Control output	NPN/PNP	NPN/PNP	NPN/PNP	NPN/PNP	NPN/PNP
Protection level	IP64	IP65	IP64	IP64	IP64

Window optoelectronics



- Can detect small objects.
- Detection of material drop through positional deviation. Can detect copper wires, small hardware components, electronic components such as screws and nuts, small pills, and small accessories.
- It can be equipped with a high-speed Chinese amplifier for use, with good stability and fast response speed.

model	EGW-60(Outgoing type)	EGW-120(Outgoing type)
window	60x60mm	120x120mm
source	12-24V DC ±10%	12-24V DC ±10%
ambient temperature	-25°C~+55°C	-15°C~+55°C
light source	Infrared 940nm	Infrared LED
sensitivity	5-speed adjustable	1 turn rotary trimmer
reaction time	< 900us	≤10ms
Output mode	NPN/PNP	NPN/PNP



- Provide multiple models, including thin, square, cylindrical, transparent testing, background suppression, etc
- Free switching between light in action (Lon) and shading action (D.on)
- The metal shell is sturdy and durable, while the plastic shell is economical and easy to install
- Short circuit protection and reverse polarity protection function
- The maximum switching frequency can reach 5000Hz

Diffuse reflection type Laser sensor



model	EGL03-**-N/P	EGL04-**-N/P	EGL05-**-N/P	EGL06-**-N/P	GL08-**-N/P	EGL12-**-N/P	EGL18-**-N/P
Sensing distance	30/40mm	50/70mm	100/130mm	150/200mm	150/200mm	100/200mm	300/500mm
Spot size	1.5/2mm Small light spot	1.5/2mm Small light spot	1.5/2mm Small light spot	1.5/2mm Small light spot	1.5/2mm Small light spot	1.5/2mm Small light spot	1.5/2mm Small light spot
working voltage	10-30V DC	10-30V DC	10-30V DC	10-30V DC	10-30V DC	10-30V DC	10-30V DC
Response time	5ms	5ms	5ms	5ms	5ms	5ms	5ms
Light source	Visible red light 660nm	Visible red light 660nm	Visible red light 660nm	Visible red light 660nm	Visible red light 660nm	Visible red light 660nm	Visible red light 660nm
Protection level	IP65	IP65	IP65	IP65	IP65	IP65	IP65

Antipodal type Laser sensor



model	EGL03-200N/P	EGL04-200N/P	EGL05-200N/P	EGL06-200N/P	EGL08-200N/P	EGL12-300N/P	EGL18-300N/P
Sensing distance	20mm	20mm	20mm	20mm	20mm	30mm	30mm
Spot size	1.5/2mm Small light spot	1.5/2mm Small light spot	1.5/2mm Small light spot	1.5/2mm Small light spot	1.5/2mm Small light spot	1.5/2mm Small light spot	1.5/2mm Small light spot
working voltage	10-30V DC	10-30V DC	10-30V DC	10-30V DC	10-30V DC	10-30V DC	10-30V DC
Response time	5ms	5ms	5ms	5ms	5ms	5ms	5ms
Light source	Visible red light 660nm	Visible red light 660nm	Visible red light 660nm	Visible red light 660nm	Visible red light 660nm	Visible red light 660nm	Visible red light 660nm
Protection level	IP65	IP65	IP65	IP65	IP65	IP65	IP65

Note: ** Detection distance

Pipeline liquid level sensor



- Suitable for a wide range of pipe diameters
- The built-in amplifier saves installation space.
- The penetration strength can be adjusted according to the wall thickness of the pipeline.
- Tie ties to the pipeline for easy installation.
- A liquid level sensor that is not affected by the color of pipeline liquids and can detect various types of liquids.

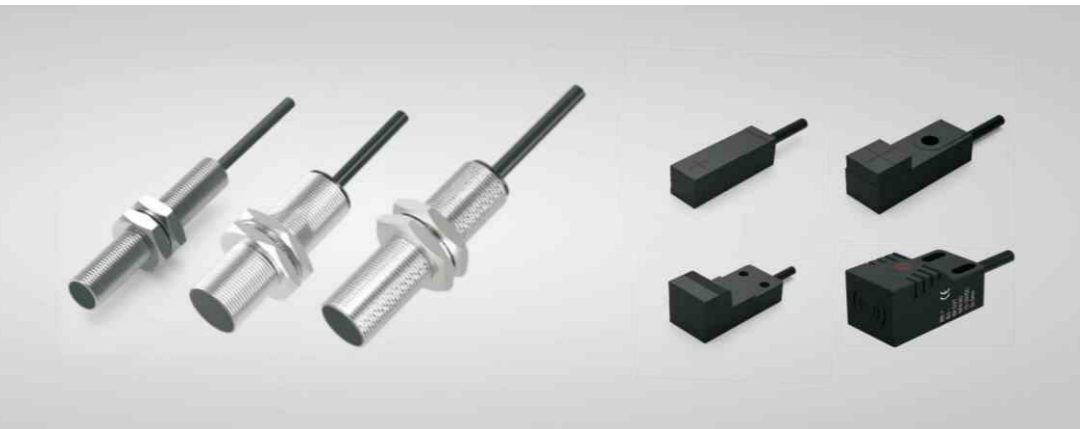
model	EGY-15 series	EGY-30 series
Applicable pipeline outer diameter	Wall thickness below 1.5mm Φ6~Φ13mm	Wall thickness below 2mm Φ14~Φ26mm
Repetitive distance accuracy	Below ± 0.2mm	Below ± 0.2mm
Detectable objects	liquid	liquid
Stress difference	0.6~5mm	0.6~5mm
supply voltage	10-30V	10-30V
Switching capacity	12mA以下/100mA以下	12mA以下/100mA以下
Protection level	IP66	IP66

Background suppression shape Laser sensor



model	EGBL-ZL70N/P	EGBL-ZL30N/P	EGBL-ZL10N/P
type	Long distance type	Long distance type	Short distance type
Detection method	diffuse reflection	diffuse reflection	diffuse reflection
Spot size	Φ6mm/200mm	Φ1.5mm/200mm	Φ1mm/100mm
Detection distance	100-700mm	10-300mm	20-100mm
response time	0.7ms	0.7ms	0.7ms
light source	Laser 650nm	Laser 650nm	Laser 650nm
Protection level	Ip67	Ip67	Ip67

Proximity sensors



- Non contact detection, no wear, high reliability High sensitivity, high repeatability, and product lifespan of up to 8 years Multiple shell materials, from stainless steel, copper alloy to plastic, with a wide range of Teflon coatings
- Complete specifications and sizes almost cover all sizes IP67 protection level
- design, excellent water and oil resistance performance

Cable type Proximity switch



Installation method	Embedding (A)				Embedding (A)			
mode	LR03-**-	LR04-**-	LR6.5-**-	LR05-**-	LR08-**-	LR12-**-	LR18-**-	LR30-**-
specifications	Φ3	Φ4	Φ6.5	M5	M8	M12	M18	M30
Detection distance (mm)	0.6/0.8/1.0	0.8/1.0/1.2/1.5	1.0/2.0/3.0	0.8/1.0/1.2/1.5	1.0/2.0/3.0	2.0/4.0/6.0	5.0/8.0/12	10/16/22
Installation method	Non embedded (B)				Non embedded (B)			
model	LR6.5-**-			LR08-**-	LR12-**-	LR18-**-	LR30-**-	
specifications	Φ6.5			M8	M12	M18	M30	
Detection distance (mm)	2.0/4.0/6.0			2.0/4.0/6.0	4.0/8.0/12	8.0/12/16	15/25/40	
material quality	Stainless steel				Nickel copper alloy			

Note: ** Detection distance

Plug-in type Proximity switch



Installation method	Embedding (A)				Non embedded (B)			
model	LR08-1.5	LR12-02	LR18-05	LR30-10	LR6.5-02	LR08-02	LR18-08	LR30-15
specifications	M8	M12	M18	M30	M8	M12	M18	M30
Detection distance	1.5mm	2mm/4mm	5mm	10mm	2mm	4mm	8mm	15mm
material quality	Stainless steel	Nickel copper alloy			Stainless steel	Nickel copper alloy		
working voltage	10~30V DC(Ripple<10%)							
Repetitive accuracy	<1.0%(Sr)				<5.0%(Sr)			<1.0%(Sr)

Inductive Tiny square



Installation method	Non embedded (B)	Non embedded (B)	Non embedded (B)	Non embedded (B)
model	LE06-01NO-ZBA	LE07-01NO-ZBA	LE08-2.5NO-ZBA LE08-03NO-ZBA	LE09-2.5NO-ZBA LE09-03NO-ZBA
specifications	E06	E07	E08	E09
Detection distance	1mm	1mm	2.5mm/3mm	2.5mm/3mm
material quality	plastic			
working voltage	10~30V DC(Ripple<10%)			
Repetitive accuracy	<5.0%(Sr)		<1.0%(Sr)	

Inductive Standard square



Installation method	Non embedded (B)	Non embedded (B)	Non embedded (B)	Non embedded (B)
model	LE10-2.5NO-ZBA LE10-04NO-ZBA	LE12-04NO-ZBA	LE15-05NO-ZBA LE15-08NO-ZBA	LE16-05NO-ZBA LE16-08NO-ZBA
specifications	E10	E12	E15	E16
Detection distance	2.5mm/4mm	4mm	5mm/8mm	5mm/8mm
material quality	plastic			
working voltage	10~30V DC(Ripple<10%)			
Repetitive accuracy	<5.0%(Sr)		<1.0%(Sr)	

Inductive Standard square



Installation method	Embedding (A)	Non embedded (B)	Embedding (A)	Non embedded (B)	Embedding (A)	Non embedded (B)
model	LQ17-05NO-ZAA	LQ17-08NO-ZBA	LQ18-05NO-ZAA	LQ18-08NO-ZBA	LQ18M-05NO-ZAA	LQ18M-08NO-ZBA
specifications	Q17		Q18		Q18M	
Detection distance	5mm	8mm	5mm	8mm	5mm	8mm
material quality	plastic					
working voltage	10~30V DC					
Residual voltage	<1.5V					
Repetitive accuracy	<5.0%(Sr)			<1.0%(Sr)		

DC two wire cylindrical



Installation method		Embedding (A)			
mode	LR08-**-HO-ZAA	LR12-**-HO-ZAA	LR18-**-HO-ZAA	LR30-**-HO-ZAA	
specifications	M8	M12	M18	M30	
Detection distance	1mm/2mm	2mm/3mm/4mm	5mm/7mm/8mm	10mm/16mm	
Installation method		Non embedded (B)			
model	LR08-**-HO-ZBA	LR12-**-HO-ZBA	LR18-**-HO-ZBA	LR30-**-HO-ZBA	
specifications	M8	M12	M18	M30	
Detection distance	2mm/3.5mm	4mm/6mm/8mm	8mm/12mm/16mm	15mm/25mm	
material quality	Nickel copper alloy				
working voltage	10~30V DC(Ripple<10%)				

Note: ** Detection distance

DC two wire cylindrical



Installation method		埋入(A)			
mode	LR12-**-AO-ZAA	LR12-**-AO-YAA	LR18-**-AO-ZAA	LR30-**-AO-ZAA	
specifications	M12	M12	M18	M30	
Detection distance	2mm/4mm	2mm/4mm	5mm/8mm	10mm/16mm	
Installation method		非埋入(B)			
model	LR12-**-AO-ZBA	LR12-**-AO-YBA	LR18-**-AO-ZBA	LR30-**-AO-ZBA	
specifications	M12	M12	M18	M30	
Detection distance	4mm/8mm	4mm/8mm	8mm/16mm	15mm/25mm	
material quality	Nickel copper alloy				
working voltage	20~250VAC				
No load current	< 1.8mA				

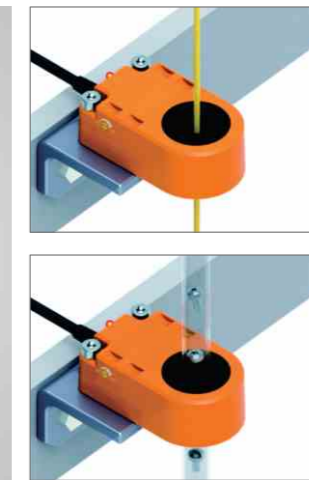
Note: ** Detection distance

Capacitive standard cylindrical



Installation method		埋入(A)		非埋入(B)			埋入(A)
model	CK12-**-	CK18-**-	CK30-**-	CK12-**-	CK18-**-	CK30-**-	CF18-**-
specifications	M12	M18	M30	M12	M18	M30	M18
Detection distance	2.0/3.0(Adjustable)	5.0/8.0(Adjustable)	10/20(Adjustable)	4.0/6.0(Adjustable)	8.0/15(Adjustable)	15/30(Adjustable)	10(Adjustable)
material quality	PBT						
working voltage	10~30V DC(Ripple<10%)						12~24V DC
Residual voltage	<2V						
Maximum load current	150mA	300mA		150mA	300mA		100mA
Repeating accuracy	<5.0%(Sr)						
switching frequency	100Hz						

Note: ** Detection distance



High speed circular sensor



model	LR-D03-NO	LR-D05-NO	LR-D06-NO	LR-D08-NO	LR-D10-NO
aperture diameter	3mm	5mm	6mm	8mm	10mm
Minimum detection object	0.5mm	0.8mm	1mm	1.5mm	2mm
Kong Gao	20mm	20mm	20mm	20mm	20mm
Shell material	ABS	ABS	ABS	ABS	ABS
working voltage	10-30V DC	10-30V DC	10-30V DC	10-30V DC	10-30V DC
Detecting objects	Magnetic metal	Magnetic metal	Magnetic metal	Magnetic metal	Magnetic metal
Repetitive accuracy	<2.0%(Sr)	<2.0%(Sr)	<2.0%(Sr)	<2.0%(Sr)	<2.0%(Sr)
Detection method	Free fall/air blowing	Free fall/air blowing	Free fall/air blowing	Free fall/air blowing	Free fall/air blowing



model	LR-D12-NO	LR-D15-NO	LR-D19-NO	LR-D22-NO	LR-D25-NO
aperture diameter	12mm	15mm	19mm	22mm	25mm
Minimum detection object	2.5mm	3.5mm	5.5mm	6.5mm	7.5mm
Kong Gao	20mm	20mm	20mm	20mm	20mm
Shell material	ABS	ABS	ABS	ABS	ABS
working voltage	10-30V DC	10-30V DC	10-30V DC	10-30V DC	10-30V DC
Detecting objects	Magnetic metal	Magnetic metal	Magnetic metal	Magnetic metal	Magnetic metal
Repetitive accuracy	<2.0%(Sr)	<2.0%(Sr)	<2.0%(Sr)	<2.0%(Sr)	<2.0%(Sr)
Detection method	Free fall/air blowing	Free fall/air blowing	Free fall/air blowing	Free fall/air blowing	Free fall/air blowing