



Fiber Optic Sensors

High -performance Fiber optic 	High-performance	SP	P.0105 ▶
Focusing lens 	Focusing lens	P-20/P-40 P-10/P-30	P.0117 ▶ P.0123 ▶
Area type fiber optic 	Area type	SP2	P.0149 ▶
	Slot type	SP2	P.0154 ▶
Digital fiber optic sensors 	High-accuracy digital	FX-N10	P.0157 ▶
	Standard type	FX-N425	P.0163 ▶
	Super performance type	FX-620	P.0167 ▶

SP	Fiber Optic Sensors
P-20/40	
SP2	
FX-N10	
FX-520	
FX-525	
FX-620	
Fiber Optic Sensors	
Fiber Optic Sensors	
Photoelectric Sensors	
Color Sensors	
Laser Sensors	
Inductive Proximity Sensors	
Precision Contact Sensors	
Area/Safety Light Curtain	
Laser Scanners	
Digital Contact Sensors	
Laser Displacement Sensors	
Distance Laser Sensors	
Confocal Displacement Sensors	
Barcode Scanners	
Infrared Temperature Sensors	
Digital Pressure Sensors	
Gate Magnetic Sensors	
Ultrasonic Displacement Sensors	
Magnetic Scale	
Static Eliminators	

Selection guide

Fiber optic sensors

Product Category

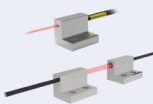
Screw-fixed type



The sensor is fixed by screws, which is simple and convenient.

Thrubeam [P.0106](#) Reflective [P.0118](#)

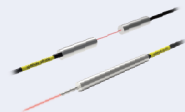
Integrated mounting bracket type



The sensor comes with mounting holes to simplify installation operations.

Thrubeam [P.0109](#) Reflective [P.0121](#)

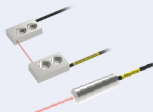
Cylindrical type



In tight spaces, it can be mounted by screws after drilling.

Thrubeam [P.0108](#) Reflective [P.0120](#)

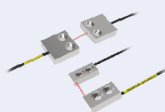
High flex



Made of flexible, bend-resistant fiber optic cable material; can withstand 10 million bends

Thrubeam [P.0113](#) Reflective [P.0127](#)

Plate bracket type



Thin sensor with mounting holes for easy installation where space is limited.

Thrubeam [P.0111](#) Reflective [P.0123](#)

Small beam spot



Suitable for detecting smaller objects. You can freely choose the size of the light spot and change the focal distance.

Reflective [P.0122](#)

Casing type



The front part is thin and side-view type is available, which makes it easier to install in places with limited space.

Thrubeam [P.0112](#) Reflective [P.0126](#)

Heat resistant fiber type

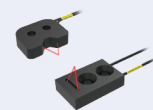
High temperature resistance over 100~500°C



Sensor withstands temperatures from 100°C to 500°C

Thrubeam [P.0115](#) Reflective [P.0129](#)

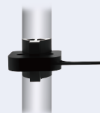
Definite-reflective model



Definite detection range can detect transparent objects, comes with mounting holes for easy installation.

Reflective [P.0124](#)

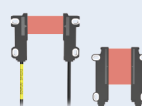
Liquid level type



Detecting the liquid level in transparent pipes, only the outside of the pipe fixed installation, without contact.

Reflective [P.0131](#)

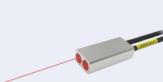
Area type



Area detection width up to 100mm.

Thrubeam [P.0116](#) Reflective [P.0130](#)

Focused beam/High power

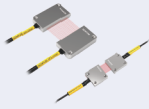


Narrow beam, high power, can detect small and medium-sized objects at a long distance.

Thrubeam [P.0110](#) Reflective [P.0121](#)

Product Category

Area type SP2 series



Area detection, which can detect small and medium-sized objects.

Thrubeam [P.0151](#) Reflective [P.0150](#)

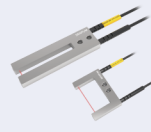
Special area SP2 series



Available from 5 to 10 mm for applications where the object to be measured appears in different positions.

Thrubeam [P.0153](#) Reflective [P.0152](#)

Fork, area type SP2 series



Fork widths from 5 to 30 mm are available for different applications.

Thrubeam [P.0154](#) Reflective [P.0154](#)

Product Category

High-precision digital fiber-optic type

FX-N10 series



One-touch Setting,
DATUM automatic
maintenance function.

[P.0157](#)

Standard type

FX-N425 series



SET key setting
Prevent saturation function.

[P.0163](#)

Ultra-high performance

FX-620 series



Ultra strong IC,
perfect solution for
difficult applications

[P.0167](#)

Fiber Optic Sensors

Photoelectric Sensors

Color Sensors

Laser Sensors

Inductive Proximity
SensorsPrecision Contact
SensorsArea/Safety Light
Curtain

Laser Scanners

Digital Contact Sensors

Laser Displacement
SensorsDistance Laser
SensorsConfocal Displacement
Sensors

Barcode Scanners

Infrared Temperature
SensorsDigital Pressure
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Gate Magnetic Sensors

Ultrasonic
Displacement Sensors

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Static Eliminators