



# FX2 SERIES

\* Recognition (FX2-A3R only)

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[panasonic.net/id/pidsx/global](http://panasonic.net/id/pidsx/global)

### Features

- **High-speed response (FX2-A3R)**  
It has a high-speed response time of 15 μs (in light receiving condition), and is suitable for detecting small objects or objects traveling at high-speed.  
\* FX2-A3R-LED response time is 50 ms.
- **LED sensing (FX2-A3R-LED)**  
LED sensing type, which can detect weak lighting from LED, is also available.
- **Multi-rotational adjuster**  
The sensor has a multi-rotational adjuster for fine sensitivity adjustment. Moreover, the idling mechanism of the adjuster makes it free from damage due to over-turning.

## Lineup of high-speed response time: 15 μs type (FX2-A3R) and LED sensing type (FX2-A3R-LED)

### ORDER GUIDE

#### Amplifiers

Type	Appearance	Model No.	Response time (In light receiving condition)
For high-speed sensing		<b>FX2-A3R</b>	15 μs or less
For LED sensing		<b>FX2-A3R-LED</b>	50 ms or less

#### Fiber head

Type	Shape of fiber head	Sensing range [Min. sensing object in ( )]	Description	Fiber cable length	Model No.
Reflective type for high-speed sensing	Coaxial, Lens mountable M4 	4 mm <b>0.157 in</b> (ø0.05 mm <b>ø0.002 in</b> copper wire)	High-precision positioning thanks to a coaxial reflective type fiber	500 mm <b>19.685 in</b>	<b>FD-G500</b>

#### Accessories

- **FX-CT2** (Fiber cutter)
- **MS-FX-1** (Amplifier mounting bracket)

