High-speed / LED Sensing Fiber Sensor
FX2 SERIES

* Recognition (**FX2-A3R** only)

FX2-A3R / FX2-A3R-LED will be discontinued 9/24/2024

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.

www.PanasonicSensors.com

Contact Ramco for our other 'high-speed' and 'LED sensing' solutions
Call (800) 280-6933 or email us at nsales@ramcoi.com

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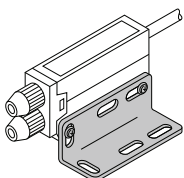### 15 µs type (FX2-A3R) and LED sensing type (FX2-A3R-LED)

ORDER GUIDE

Amplifiers

Type	Appearance	Model No.	Response time (In light receiving condition)
For high-speed sensing		**FX2-A3R**	15 µs or less
For LED sensing		**FX2-A3R-LED**	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 0.157 in (ø0.05 mm ø0.002 in copper wire)	High-precision positioning thanks to a coaxial reflective type fiber	500 mm 19.685 in	**FD-G500**

Accessories

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