

FX-300 Fiber Optic Sensor Parameters



Overview

The FX-300 series fiber optic sensors feature the following: 1. Strong anti-interference ability 3. Automatic sensitivity setting Constant advances achieving significant improvement of sensing performance Adoption of a “double coupling lens” that increases emission efficiency to its maximum limits and greatly increases sensing range. Sensing ranges with small diameter fibers and ultrasmall diameter fibers, which have become. emitting amount can be controlled in minute degrees so that even changes occurring over very short periods can be handled, allowing stable sensing performance by suppressing deviations in light emitting amounts caused by changes in the ambient environment that could not previously be suppressed. Three types are available for optimal application coverage including the standard type (FX-301), high-function type (FX-305), and the high-speed type (FX-301-HS). SUNX. * The contents of this catalog are as of October 2012. For the latest information, please visit our company website. The • light emitting amount can be. Because sensing is not possible at normal sensitivity settings, sensitivity must be reset. Incident light level is displayed in the digital display.



Article Content

May 30, 2026

FX-300 Fiber Optic Sensors

The FX-300 series of digital fiber optic sensors offers a wide range of sensing possibilities in a compact, high-performance unit.

Feb 10, 2026

Panasonic FX-300 Series

Up to 16 sensors can be counted together at a time, and the optical communication function makes it easy to copy settings between

Apr 28, 2026

Digital Fiber Sensor FX-300 SERIES

TIMER This mode allows the selection of output operation as either PRO Light-ON or Dark-ON. This mode is for setting the threshold

Jan 25, 2026

FX-300 Series Fiber Optic Sensors | ManualLib

The FX-300 series fiber optic sensors feature the following: 1. Stable sensing performance 2. Strong anti-interference ability 3. Long

May 01, 2026

Digital Fiber Sensor FX-301B/G/H SERIES

4 Digital Fiber Sensor FX-301B/G/H SERIES SPECIFICATIONS ... Notes: 1) Where measurement conditions have not been

Oct 19, 2025

Digital Fiber Sensor FX-300 SERIES

* Use the optical communication function for only the same types of sensors. Furthermore, the FX-301-HS is not equipped with

Jul 01, 2026

Panasonic Industrial Automation FX-301 Plastic Fibre Optic Sensor, 10 ...

The FX-300 series of digital fiber optic sensors offers a wide range of sensing possibilities in a compact, high-performance unit.

Feb 13, 2026

Digital Fiber Sensor FX-300 SERIES Sensing Characteristics Data Sheet

Digital Fiber Sensor FX-300 SERIES Sensing Characteristics Data Sheet 2022.6 * The contents of this catalog are as of October

Jan 18, 2026

FX-301-F7 INSTRUCTION MANUAL

In case of using sensing devices for personnel protection, use products which meet laws and standards, such as OSHA, ANSI or IEC

Aug 15, 2025

FX-301 PANASONIC, Fiber Optic Sensor, FX-300 Series, Standard

Buy FX-301 - PANASONIC - Fiber Optic Sensor, FX-300 Series, Standard Type. element14 Singapore offers fast quotes, same day

May 15, 2026

Digital Fiber Sensor FX-300 SERIES Sensing Range

Digital Fiber Sensor FX-300 SERIES Sensing Range 2022.6 * The contents of this catalog are as of August 2014. For the latest

Apr 23, 2026

SENTRONIC AG

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Jul 21, 2026

FX-300 Series

Panasonic fiber optic sensor have again taken another step forward. from the deterioration of light emitting elements over time,

Jun 18, 2026

untitled [media.digikey]

The FX-300 series of next-generation fiber sensors provides the highest level of sensing performance in its class "Stable sensing",

Jan 11, 2026

FX-301 Digital Fiber Sensor Manual

This instruction manual provides guidelines for the proper use and installation of the FX-301 Series Photoelectric Sensor and Digital

Dec 04, 2025

Digital Fiber Sensor FX-300 SERIES

Various settings and switching of up to 16 units of digital fiber sensors can be accomplished at once without operating the actual

Jul 15, 2026

PANASONIC FX-301, FIBER OPTIC SENSOR, FX-300 SERIES

IMS Product Code: 1761907 Packaging: Sold Individually Description: Panasonic FX-301, Fiber Optic Sensor, FX-300 Series,

Feb 27, 2026

Digital Fiber Sensor Amplifier FX-301(P) INSTRUCTION MANUAL

Digital fiber sensor FX-301(P) has been modified since production in June. 2004. Hence, this instruction manual has been changed

Nov 23, 2025

0149_FX300

If the light receiving level becomes saturated during close-range sensing or when sensing transparent or minute objects, you can

Jun 12, 2026

FX-300 Fiber Sensor | Lubi Electronics

In addition to a “four-chemical emitting element” which suppresses changes in the light emitting element over time so that a stable

Jan 10, 2026

Digital Fiber Sensor FX-300

Constant advances achieving significant improvement of sensing performance. Adoption of a “double coupling lens”

Contact Us

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