

Article Overview

The FT-V30 is a Panasonic thru-beam fiber optic sensor with a 2.5mm cylindrical side-view fiber, 2-meter length, and a sensing range of 0-680mm.

Key Specifications

- o Type: Thru-beam fiber optic sensor
- o Fiber Diameter: 2.5mm cylindrical, side-view
- o Fiber Length: 2 meters
- o Sensing Range: 0 to 680mm
- o Bending Radius: R4, allowing precise installation on moving or bent parts
- o Ingress Protection: IP30
- o Housing: Non-threaded sleeve, stainless steel fittings for durability and RoHS compliance
- o Recommended Replacement: FT-SFM2SV2
- o Applications: Suitable for detecting objects, liquid leaks, or presence/absence sensing in industrial automation environments .

Features

- o Durable Fiber: High-quality fiber reduces risk of breakage during installation
- o Stable Sensing: Uniform beam at the fiber aperture ensures consistent detection
- o Versatile Mounting: Can be used on moving parts and bent with precision
- o Chemical and Heat Resistance: Compatible with environments exposed to oil, chemicals, heat, or vacuum conditions
- o Global Availability: Distributed through suppliers like DigiKey, Mouser, and TME, with worldwide shipping options .

Applications and Use Cases

The FT-V30 is ideal for industrial automation tasks requiring precise object detection, including:

- o Assembly line monitoring
- o Liquid leak detection
- o Position sensing on moving machinery
- o Integration with PLCs or other control systems for automated processes .

Ordering and Support



Fiber optic sensor model FT-v30

- o Available from multiple distributors with datasheets, pricing, and inventory details
- o Factory pack quantities may apply for bulk orders
- o Panasonic provides warranty, repair, and return support for the product . The FT-V30 combines compact design, durable construction, and reliable sensing performance, making it suitable for a wide range of industrial automation applications.

standard Model Number FT-V30 Series standard Manufacturing Date Code standard Place of Origin China
Brand Name original

Find the best pricing for Panasonic FT-V30 by comparing bulk discounts from 7 distributors. Octopart is the

PANASONIC FT-V30 | Sensor: fiber-optic; Range: 0~680mm; IP30; Len: 2m;

The Panasonic FT-V30 Fiber Optic Sensor offers high precision detection in a compact design. Ideal for automation and quality

KEYENCE INTERNATIONAL (BELGIUM) provides FS-V30 series; The new MEGA-Power, MEGA-Easy and MEGA-Stable FS-V30

FT-V30 Panasonic Industrial Automation Fibre Optic Sensors 2.5mm Non-Threaded, Side-view Thru-beam, R4, 2M, Recommended

Panasonic FT-V30, Fiber Optic Sensor, Through Beam, Sleeve Type, 680 mm, 2.5mm Non-Threaded, Side-view Thru-beam, R4, 2M,

Panasonic [FT-V30], Sleeve Fiber, Part number detail page. Detailed specification of is here.

Models in FS-V30 series by KEYENCE America: Cable, End unit, Fiber Amplifier, Fiber unit, Optional parts.

FS-V30 series, specifications, specs, KEYENCE, Belgium Specs Digital Fibre Optic Sensors FS-V30 series

PANASONIC FT-V30 | Sensor: fiber-optic; Range: 0~680mm; IP30; -55~80°C; Len: 2m -
This product is available in Transfer

Find many great new & used options and get the best deals for Panasonic FT-V30 Sleeve Fiber Sensor at the best online prices at

FT-V30 - Sleeve fiber sensor emitter+receiver pair - side sensing - Panasonic / SunX (FT) - Through-beam / Thru-beam sensing - 2m



Fiber optic sensor model FT-v30

KEYENCE America provides FS-V30 series; Features World's Most Powerful Beam (64x conventional

Specifications and design of the products are subject to change without notice for

Specifications of models in FS-V30 series by KEYENCE America.

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