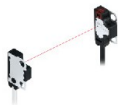


**INDUSTRIAL COMPONENT DATA**

# UEXZ12FA EX-Z12FA PANASONIC Thru beam, 200mm, front sensing, Light-ON, NPN, cable 2m

Brand: PANASONIC | Manufacturer Part Number: UEXZ12FA



|                 |                                             |
|-----------------|---------------------------------------------|
| Manufacturer    | PANASONIC                                   |
| MPN / Reference | UEXZ12FA                                    |
| Catalog number  | UEXZ12FA                                    |
| Category        | Miniature Photoelectric Sensors - PANASONIC |
| Minimum order   | 1 unit                                      |
| Document ID     | EO-C979023A9F                               |
| Generated       | 2026-08-04                                  |

## Product Overview

UEXZ12FA EX-Z12FA PANASONIC Thru beam, 200mm, front sensing, Light-ON, NPN, cable 2m

**STRUCTURED PRODUCT DATA**

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path **PANASONIC > Miniature Photoelectric Sensors - PANASONIC > EX10 Ultra-slim type photoelectric sensor**

## Additional Product Information

Product Number EX-Z12FA

Part Number EX-Z12FA

Product Ultra-minute Photoelectric Sensor

Details Thru-beam [Front sensing]

Product name Ultra-minute Photoelectric Sensor EX-Z

Item Specifications

Product Number EX-Z12FA

Part Number EX-Z12FA

Applicable regulations and certifications CE Marking (EMC Directive, RoHS Directive), UKCA Marking (EMC Regulations, RoHS Regulations), UL/c-UL Certification

Output operation Light-ON

Sensing range 200 mm 7.874 in

Min. sensing object  $\varnothing$ 0.5 mm  $\varnothing$ 0.02 in opaque object (Completely beam interrupted object)(Setting distance between emitter and receiver: 200 mm 7.874 in)

Repeatability(perpendicular to sensing axis) 0.03 mm 0.001 in or less

Supply voltage 12 to 24 V DC  $\pm 10\%$  Ripple P-P 10 % or less

Current consumption Emitter: 10 mA or less

Receiver: 10 mA or less

Output NPN open-collector transistor

- Maximum sink current: 20 mA

- Applied voltage: 30 V DC or less (between output and 0 V)

- Residual voltage: 1.5 V or less (at 20 mA sink current)

Output: Short-circuit protection Incorporated

Response time 0.5 ms or less

Operation indicator Orange LED (Lights up when the sensing output is ON)

Stability indicator Green LED (Lights up under the stable light received condition or the stable dark condition)

Protection IP67 (IEC)

Ambient temperature -10 to +55 °C 14 to +131 °F (No dew condensation or icing allowed), Storage: -30 to +70 °C -22 to +158 °F

Ambient humidity 35 to 85 % RH, Storage: 35 to 85 % RH

Ambient illuminance Incandescent light: 5,000 lx at the...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PANASONIC / UEXZ12FA with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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