

INDUSTRIAL COMPONENT DATA

UBEA201P BE-A201P PANASONIC Optical Bubble Sensor for 2mm tube (PNP)

Brand: PANASONIC | Manufacturer Part Number: UBEA201P



Manufacturer	PANASONIC
MPN / Reference	UBEA201P
Catalog number	UBEA201P
Category	Special Photoelectric Sensors - PANASONIC
Minimum order	1 unit
Document ID	EO-30945A2749
Generated	2026-08-02

Product Overview

UBEA201P BE-A201P PANASONIC Optical Bubble Sensor for 2mm tube (PNP)

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path PANASONIC > Special Photoelectric Sensors - PANASONIC

Additional Product Information

Product Number BE-A201P

Part Number BE-A201P

Product For small diameter tubes Optical Bubble Sensor

Details for ø2 mm ø0.078 in tube

Product name For small diameter tubes Optical Bubble Sensor BE-A

Item Specifications

Product Number BE-A201P

Part Number BE-A201P

Detectable air gap 0.8 mm 0.032 in or more

(Note) Sensing air gap refers to the width of an air bubble formed in the entire area of the inner diameter of the tube. Please note that this product cannot sense very small air bubbles or water drops.

Sensing object Liquid

(Note) Sensing is affected by dirt or residues adhered to the inner wall of the tube. Please maintain the tube regularly.

Applicable tube dia. (OD×ID) ø2 mm × ø1 mm

ø0.078 in × ø0.039 in

(Note) When using a tube out of specifications or it doesn't have a smooth surface, please test sensing on the actual machine before use.

Applicable tube type Transparent resin tube (equivalent to PFA)

(Note) When using a tube out of specifications or it doesn't have a smooth surface, please test sensing on the actual machine before use.

Supply voltage 5 to 24 V DC $\pm 10\%$ Ripple P-P 10 % or less

Current consumption 15 mA or less

Output (Incorporated with 2 outputs) PNP open-collector transistor

- Maximum source current: 50 mA
- Applied voltage: 30 V DC or less (between output and + V)
- Residual voltage: 2 V or less (source current at 50 mA) 1 V or less (source current at 16 mA)

Output (Incorporated with 2 outputs): Output operation Switchable either Liquid-absent-ON or Liqui...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PANASONIC / UBEA201P with the required quantity to info@electricaonline.com or use 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.