

INDUSTRIAL COMPONENT DATA

UPMY45P PM-Y45-P PANASONIC u-shape type, U-shape, 6mm, PNP, cable 1m

Brand: PANASONIC | Manufacturer Part Number: UPMY45P



Manufacturer	PANASONIC
MPN / Reference	UPMY45P
Catalog number	UPMY45P
Category	Miniature Photoelectric Sensors - PANASONIC
Minimum order	1 unit
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Product Overview

UPMY45P PM-Y45-P PANASONIC u-shape type, U-shape, 6mm, PNP, cable 1m

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 > PM thru-beam microphotosensors

Additional Product Information

Product Number PM-Y45-P

Part Number PM-Y45-P

Product Amplifier Built-in / U-shaped Micro Photoelectric Sensor

Details Compact / Cable type [Y type]

Product name Amplifier Built-in / U-shaped Micro Photoelectric Sensor [Compact / Cable type]PM-45

Item Specifications

Product Number PM-Y45-P

Part Number PM-Y45-P

Applicable regulations and certifications CE Marking (EMC Directive, RoHS Directive), UKCA Marking (EMC Regulations, RoHS Regulations), ISO 13849-1 (Category 1, PLc) (Note), UL/c-UL certification

(Note) : Conformed from December 2021 production.

Sensing range 6 mm 0.236 in (fixed)

Minimum sensing object 0.8 × 1.2 mm 0.031 × 0.047 in opaque object

Hysteresis 0.05 mm 0.002 in or less

Repeatability 0.01 mm 0.0004 in or less

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

Current consumption 15 mA or less

Output 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 (at 50 mA source current), 1 V or less (at 16 mA source current)

Output: Output operation Incorporated with 2 outputs: Light-ON / Dark-ON

Output: Short-circuit protection Incorporated

Response time Under light received condition: 20 μ s or less

Under light interrupted condition: 80 μ s or less

(Maximum response frequency: 3 kHz)(Note)

(Note) : Refer to the note on the specification page for the response frequency.

Operation indicator Orange LED (lights up under light received condition)

Pollution degree 3

Protec...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PANASONIC / UPMY45P 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

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