

INDUSTRIAL COMPONENT DATA

QMIS/0P-0A MICRO DETECTORS Photoelectric sensor

Miniature cubic photoelectric BGS, adjustment 400 mm PNP L/D..

Brand: MICRO DETECTORS | Manufacturer Part Number: QMIS/0P-0A



Manufacturer	MICRO DETECTORS
MPN / Reference	QMIS/0P-0A
Catalog number	QMIS/0P-0A
Category	Encoders
Minimum order	1 unit
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Product Overview

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STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path MICRO DETECTORS > Encoders

Additional Product Information

Technical features

Nominal sensing distance 30..400mm white target 90% Kodak 200x200mm

Thermal drift of Sr <=10% Sr

Repeat Accuracy 5%

Application

Function Principle Background suppression

Notes White target 90% Kodak 200x200mm

Outputs

Output type PNP

Output Function Lon/Don selectable

Switching frequency 1kHz

Electrical data

Operating Voltage 10-30Vdc

No-Load supply current $\leq 30\text{mA}$
Load current $\leq 100\text{mA}$
Leakage current $\leq 10\mu\text{A}$
Output voltage drop $2\text{V max. IL} = 100\text{ mA}$
Max ripple content 10%
LED indicators Yellow (status output)
Time delay before availability $\leq 200\text{ms}$
Short-circuit protection Yes
Reverse Polarity Protection Yes
Emission Infrared (850 nm)
Interference to external light 3000lux (lampada incandescente), 10000lux (luce solare)
Impulsive Overvoltage Protection Yes
Mechanical data
Dimensions 31,2x21x13mm
Weight 52g
Housing Material PA66
Connections 2m PVC cable
Active Head Material PMMA
Tightening torque 1Nm
Operating temperature - $25^{\circ}\text{C} \dots + 70^{\circ}\text{C}$ (Without freeze)
Storage temperature - $30^{\circ}\text{C} \dots + 80^{\circ}\text{C}$ (Without freeze)
Test/Approvals
Approvals CE cULus
EMC compatibility EN 60947-5-2
Shocks and vibrations Vibration IEC 60068-2-6 / Shock IEC 60068-2-27
Degree of protection IP67
Electrical diagrams of the connections
Dimension (mm)
Response curves
Dimensione Spot
Disassamento Parallelo
Riduzione distanza di rilevamento

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send MICRO DETECTORS / QMIS/0P-0A 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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