

INDUSTRIAL COMPONENT DATA

MV4/C0-0E MICRO DETECTORS Photoelectric sensor diffuse 200 mm plastic plug M12

Brand: MICRO DETECTORS | Manufacturer Part Number: MV4/C0-0E



Manufacturer	MICRO DETECTORS
MPN / Reference	MV4/C0-0E
Catalog number	MV4/C0-0E
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 200mm

Thermal drift of Sr <=10%Sr

Repeat Accuracy 5%

Sensitivity adjustment No

Application

Function Principle Diffuse reflection

Notes With 100x100mm white matt paper

Optic position Axial

Outputs

Output type TRIAC

Output Function NC

Switching frequency 25Hz

Electrical data

Operating Voltage 20...253Vac/50...60Hz

No-Load supply current $\leq 30\text{mA RMS}$
Load current $5\ldots 300\text{mA RMS}$
Leakage current 6A
Output voltage drop $\leq 3\text{V}$ $I_L = 300\text{mA}$
Max ripple content $\leq 10\%$
LED indicators Red
Time delay before availability 200ms
Emission Infrared (880nm)
Interference to external light 3.000lux (incandescent lamp), 10.000lux (sunlight)
Mechanical data
Dimensions $M18 \times 1/L = 78,9\text{mm}$
Weight 30g
Housing Material PBT
Connections M12 plug cable exit
Active Head Material PMMA
Tightening torque 1Nm
Operating temperature $-25^\circ\text{C} \ldots +70^\circ\text{C}$ (without freeze)
Test/Approvals
Approvals CE, cRUus
EMC compatibility EN 60947-5-2
Shocks and vibrations Vibration IEC 60068-2-6 / Shock IEC 60068-2-27
Degree of protection IP67
Accessories
Supplied Accessories Metallic nut (2x)
Electrical diagrams of the connections
Connector
Dimension (mm)
Response curves
Dimensione Spot
Disassamento Parallelo
Eccesso di Guadagno

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send MICRO DETECTORS / MV4/C0-0E with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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