

INDUSTRIAL COMPONENT DATA

FAR2/BP-0A MICRO DETECTORS Photoelectric sensor Axial diffuse 100 mm PNP NO+NC plastic cable 2m axial

Brand: MICRO DETECTORS | Manufacturer Part Number: FAR2/BP-0A



Manufacturer	MICRO DETECTORS
MPN / Reference	FAR2/BP-0A
Catalog number	FAR2/BP-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 100mm su ostacolo bianco 90% Kodak 100x100mm

Thermal drift of Sr 10% Sr

Repeat Accuracy 5%

Sensitivity adjustment No

Application

Function Principle Barriera, Riflessione Diretta, Reflex. Soppressione dello Sfondo

Optic position Axial

Outputs

Output type PNP

Output Function NO+NC

Switching frequency 250Hz

Electrical data

Operating Voltage 10-30Vdc

No-Load supply current 30mA

Load current 100mA
Leakage current 10uA
Output voltage drop 2V max. IL =100 mA
Max ripple content <= 10%
LED indicators Giallo (Stato luce) o (stato dell'uscita nelle versioni speciali LO/DO)
Time delay before availability 200ms
Short-circuit protection Corto circuito (autoripristinante)
Reverse Polarity Protection Inversione polarità, sovratensioni impulsive
Emission Led Rosso (660 nm)
Interference to external light 3000lux (lampada incandescente), 10000lux (luce solare)
Mechanical data
Dimensions M18 x 1 / L = 67,5mm
Weight 100g
Housing Material PBT
Connections Cavo 2m PVC
Active Head Material PC
Tightening torque 1Nm
Operating temperature - 25°C...+ 70° C (senza condensa)
Material housing PBT; passacavo PC; lente
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
Accessories
Supplied Accessories nuts M18 x 1
Electrical diagrams of the connections
Dimension (mm)
Response curves
Dimensione Spot
Disassamento Parallelo

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send MICRO DETECTORS / FAR2/BP-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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