

## 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          |
| Document ID     | EO-8FD0EF74E4   |
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## Product Overview

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

## 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 &gt; 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](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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