

INDUSTRIAL COMPONENT DATA

FAIZ/BP-1E MICRO DETECTORS Photoelectric sensor Axial Receiver 20 m PNP NO+NC metallic plug M12

Brand: MICRO DETECTORS | Manufacturer Part Number: FAIZ/BP-1E



Manufacturer	MICRO DETECTORS
MPN / Reference	FAIZ/BP-1E
Catalog number	FAIZ/BP-1E
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 20m

Thermal drift of Sr <=10% Sr

Repeat Accuracy 5%

Sensitivity adjustment No

Application

Function Principle Through beam

Emitter/Receiver Receiver

Optic position Axial

Outputs

Output type PNP

Output Function NO+NC

Switching frequency 250Hz

Electrical data

Operating Voltage 10-30Vdc

No-Load supply current $\leq 25\text{mA}$
Load current $\leq 100\text{mA}$
Leakage current $\leq 10\mu\text{A}$
Output voltage drop 2V max. $I_L = 100\text{ mA}$
Max ripple content 10%
LED indicators Yellow (Lon) or output status Lo/Do
Time delay before availability $\leq 200\text{ms}$
Short-circuit protection Short circuit (autoreset), Overvoltage
Reverse Polarity Protection Polarity inversal, Impulsive voltage
Emission Infrared (880 nm)
Interference to external light 5000lux (incandescent lamp), 10000lux (sunlight)
Mechanical data
Dimensions M18 x 1 / L = 81,6mm
Weight 100g
Housing Material Nickel plated brass
Connections M12 4pin Plug
Active Head Material PC
Tightening torque 25Nm
Operating temperature - 25°C...+ 70° 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
Accessories
Supplied Accessories nuts M18 x 1
Electrical diagrams of the connections
Connector
Dimension (mm)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send MICRO DETECTORS / FAIZ/BP-1E with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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