

INDUSTRIAL COMPONENT DATA

E3FB-BN12 2M E3FB2010M E3FBBN122MOMI OMRON Metal Obj transp Mirror(not incl) 0,1-2 m NPN Cable 2m

Brand: OMRON | Manufacturer Part Number: E3FB-BN12 2M



Manufacturer	OMRON
MPN / Reference	E3FB-BN12 2M
Catalog number	E3FBBN122MOMI
Category	Retroreflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-F49D770F9E
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Product Overview

Metal Obj transp Mirror(not incl) 0,1-2 m NPN Cable 2m

Photoelectric sensor, M18 threaded barrel, metal, red LED, retro-reflective, transparent object, 2 m, NPN, Light-ON/Dark-ON, 2 m cable

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path OMRON > Photoelectric sensors > E3FA / E3RA

Additional Product Information

ShapeCylindrical axialSensing methodRetro-reflectiveSensing distance2000 mmSensing distance (min.)100 mmSetting methodManual adjustmentConnection methodCableCable length2 mOutput typeNPNOperation modeDark-ON, Light-ONResponse time0.5 msMaterial housingBrass, nickel platedThread sizeM18Product Length (unpacked)44 mmType of lightPolarized red lightPower supply voltage10-30 VFeaturesP-opaquiring function, Transparent detectionDegree of protection (IP)IP67/IP69K
ETIM for 378900 Sensors (EC002717)
Feature Name
Feature Value
Explosion safety category for dust (EF003998)
None
Voltage type (EF000187)
DC
Construction type housing (EF004008)

Cylinder, screw-thread
Laser protection class (EF004027)
None
Degree of protection (IP) (EF005474)
IP67
Setting procedure (EF003994)
Manual adjustment
Material of optical surface (EF004134)
Plastic
Sensing mode (EF007503)
Light-/dark switching
Type of interface for safety communication (EF003956)
Other
Type of switch function (EF003963)
Programmable/configurable
Type of electric connection (EF003961)
Cable
Housing material (EF001596)
Metal
Type of light (EF004029)
Polarized red light
Type of switching output (EF003962)
NPN
Operation agent-safety class (EF003982)
Safety class 3
Explosion safety category for gas (EF003997)
None
With communication interface RS-485 (EF007314)
No
Analogue output -10 V ... +10 V (EF006809)
No
With communication interface SSD (EF007315)
No
With communication interface SSI (EF007316)
No
Analogue output 0 V ... 10 V (EF006809)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3FB-BN12 2M 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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