

INDUSTRIAL COMPONENT DATA

E3F1-DP21 E3F12014R E3F1DP21OMI OMRON Plastic Reflex 100mm PNP M12 Connector Lite

Brand: OMRON | Manufacturer Part Number: E3F1-DP21



Manufacturer	OMRON
MPN / Reference	E3F1-DP21
Catalog number	E3F1DP21OMI
Category	Diffuse reflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-AC51F60821
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Product Overview

Plastic Reflex 100mm PNP M12 Connector Lite

Photoelectric sensor, M18 threaded barrel, plastic, red LED, diffuse, 100 mm, PNP, Light-ON/Dark-ON, M12 connector

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 > E3F1

Additional Product Information

Specifications

Shape Cylindrical axial

Sensing method Diffuse reflective

Sensing distance 100 mm

Setting method Manual adjustment

Connection method Connector M12

Output type PNP

Operation mode Dark-ON, Light-ON

Response time 0.5 ms

Material housing ABS

Thread size M18

Product Length (unpacked) 34.5 mm

Type of light Polarity free red light

Power supply voltage 10-30 V

Degree of protection (IP) IP66

Accessories

E39-L182 E3FA/R flush mounting bracket

E39-L183 M18 L-type mounting bracket, stainless steel (SUS304)

ETIM for 378948 Sensors (EC001821)

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 (NEMA) (EF011959)

Other

Degree of protection (IP) (EF005474)

IP66

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)

Connector M12

Housing material (EF001596)

Plastic

Type of light (EF004029)

Polarity free red light

Material of cable sheath (EF004136)

Polyvinyl chloride (PVC)

Type of switching output (EF003962)

PNP

Operation agent-safety class (EF003982)

Safety class 3

Explosion safety category for gas (EF003997)

None

With communication interface RS-485 (EF007314)

No

Ana...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3F1-DP21 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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