

INDUSTRIAL COMPONENT DATA

E3F1-DN22 E3F12007F E3F1DN22OMI OMRON Plastic Reflex 300mm NPN M12 Connector Lite

Brand: OMRON | Manufacturer Part Number: E3F1-DN22



Manufacturer	OMRON
MPN / Reference	E3F1-DN22
Catalog number	E3F1DN22OMI
Category	Diffuse reflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-538797CC3B
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Product Overview

Plastic Reflex 300mm NPN M12 Connector Lite

Photoelectric sensor, M18 threaded barrel, plastic, red LED, diffuse, 300 mm, NPN, 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

ShapeCylindrical axialSensing methodDiffuse reflectiveSensing distance300 mmSetting methodManual
adjustmentConnection methodConnector M12Output typeNPNOperation modeDark-ON, Light-ONResponse time0.5
msMaterial housingABSThread sizeM18Product Length (unpacked)34.5 mmType of lightPolarity free red lightPower supply
voltage10-30 VDegree of protection (IP)IP66
ETIM for 378941 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)
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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3F1-DN22 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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