

INDUSTRIAL COMPONENT DATA

E3F1-DP22-10 E3F10017B E3F1DP2210OMS OMRON Multi Pack E3F1 includes 10 units E3F1-DP22

Brand: OMRON | Manufacturer Part Number: E3F1-DP22-10



Manufacturer	OMRON
MPN / Reference	E3F1-DP22-10
Catalog number	E3F1DP2210OMS
Category	Diffuse reflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-1DF4630A46
Generated	2026-07-31

Product Overview

Multi Pack E3F1 includes 10 units E3F1-DP22

Multipack 10 units - E3F1-DP21 : Photoelectric sensor, M18 threaded barrel, plastic, red LED, diffuse, 300 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 300 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

Length 34.5 mm

Type of light Polarity free red light

Power supply voltage 10-30 V
ETIM for 401859 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
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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3F1-DP22-10 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.