

INDUSTRIAL COMPONENT DATA

E3FC-DN23 E3FC7009R E3FCDN23OMS OMRON Inox Reflex 1m NPN M12 Connector

Brand: OMRON | Manufacturer Part Number: E3FC-DN23



Manufacturer	OMRON
MPN / Reference	E3FC-DN23
Catalog number	E3FCDN23OMS
Category	Diffuse reflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-7677F77D50
Generated	2026-08-03

Product Overview

Inox Reflex 1m NPN M12 Connector

Photoelectric sensor, M18 threaded barrel, stainless steel, red LED, diffuse, 1 m, 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 > E3FA / E3RA

Additional Product Information

ShapeCylindrical axialSensing methodDiffuse reflectiveSensing distance1000 mmSetting methodManual
adjustmentConnection methodConnector M12Output typeNPNOperation modeDark-ON, Light-ONResponse time0.5
msMaterial housingStainless steelThread sizeM18Product Length (unpacked)48 mmType of lightPolarity free red
lightPower supply voltage10-30 VDegree of protection (IP)IP67/IP69K
ETIM for 659422 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)
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)
Connector M12
Housing material (EF001596)
Metal
Type of light (EF004029)
Polarity free 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 (EF006807)
No
Analogue output 0 mA

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3FC-DN23 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.