

INDUSTRIAL COMPONENT DATA

E3ZR-CR81D 2M E3ZR0028E E3ZRCR81D2MOMS OMRON

Photocell, compact square, with the body of HIS, oil-resistant

..

Brand: OMRON | Manufacturer Part Number: E3ZR-CR81D 2M



Manufacturer	OMRON
MPN / Reference	E3ZR-CR81D 2M
Catalog number	E3ZRCR81D2MOMS
Category	Retroreflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-CA826D4DB9
Generated	2026-08-06

Product Overview

Photocell, compact square, with the body of HIS, oil-resistant function M. S. R. reflection on the mirror, 2.5 m, DC, PNP dark, cable 2 m

Photocell, compact square, with SUS body, oil-resistant, M.S.R. mirror-reflective function, 2.5 m, DC, PNP, dark, 2 m cable

Photoelectric sensor, rectangular housing, stainless steel, oil-resistant, red LED, retro-reflective, 2.5 m, PNP, 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 > E3Z
--------------	-------------------------------------

Additional Product Information

ETIM for 674923 Sensors (EC002717)

Feature Name

Feature Value

Degree of protection (NEMA) (EF011959)

Other

Degree of protection (IP) (EF005474)

IP67

Material of optical surface (EF004134)

Plastic

Type of interface for safety communication (EF003956)
Other

Housing material (EF001596)
Metal

Operation agent-safety class (EF003982)
Safety class 3

Explosion safety category for gas (EF003997)
None

Explosion safety category for dust (EF003998)
None

Voltage type (EF000187)
DC

Construction type housing (EF004008)
Cuboid

Laser protection class (EF004027)
None

Setting procedure (EF003994)
Other

Sensing mode (EF007503)
Dark switching

Type of switch function (EF003963)
Normally open contact (NO)

Type of electric connection (EF003961)
Cable

Type of light (EF004029)
Polarized red light

Type of switching output (EF003962)
PNP

With communication interface RS-485 (EF007314)
No

With communication interface SSD (EF007315)
No

With communication interface SSI (EF007316)
No

Analogue output 0 mA ... 20 mA (EF006808)
No

With communication interface RS-232 (EF007312)
No

With monitoring function downstream switching devices (EF004052)
No

With communication interface INTERBUS (EF007310)
No

With communication interface CANOpen (EF007307)
No

With communication interface Ethernet (EF007309)
No

Analogue output 4 mA ... 20 mA (EF006810)

No
With communication interface AS-Interface (EF007306)
No
With restart blockage (EF004054)
No
Analogue output -10 V ... +10 V (EF006809)
No
Analogue output 0 V ... 10 V (EF...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3ZR-CR81D 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

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.