

INDUSTRIAL COMPONENT DATA

E3Z-D82-IL3 2M E3Z 8024E E3ZD82IL32MOMS OMRON Ecological cc 3h Slr 1m PNP Cable 2m IO LINK COM3

Brand: OMRON | Manufacturer Part Number: E3Z-D82-IL3 2M



Manufacturer	OMRON
MPN / Reference	E3Z-D82-IL3 2M
Catalog number	E3ZD82IL32MOMS
Category	Diffuse reflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-9F551EED38
Generated	2026-08-03

Product Overview

Ecological cc 3h Slr 1m PNP Cable 2m IO LINK COM3

Photoelectric sensor, rectangular housing, infrared LED, diffuse, 1 m, PNP, Light-ON/Dark-ON, IO-Link COM3, 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

ShapeCuboidSensing methodDiffuse reflectiveSensing distance1000 mmSetting methodIO-Link, Manual
adjustmentConnection methodCableCable length2 mOutput typeIO-Link, PNPOperation modeDark-ON, Light-ONIO-Link
baud rateCOM3 (230.4 kbps)Response time1 msMaterial housingPBTThread sizeOtherProduct Width (unpacked)10.8
mmProduct Height (unpacked)31 mmProduct Depth (unpacked)20 mmType of lightInfrared lightPower supply voltage10-30
VDegree of protection (IP)IP67
ETIM for 671105 Sensors (EC001821)
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)

Plastic

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)

Parameterization

Sensing mode (EF007503)

Light-/dark switching

Type of switch function (EF003963)

Programmable/configurable

Type of electric connection (EF003961)

Cable

Type of light (EF004029)

Infrared light

Material of cable sheath (EF004136)

Polyvinyl chloride (PVC)

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

A...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3Z-D82-IL3 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.