

INDUSTRIAL COMPONENT DATA

E3Z-L81-IL3 5M E3Z 8035M E3ZL81IL35MOMS OMRON

Ecological cc 3h Slr 90mm PNP Spot reduc. Cable 5m IO LINK COM3

Brand: OMRON | Manufacturer Part Number: E3Z-L81-IL3 5M



Manufacturer	OMRON
MPN / Reference	E3Z-L81-IL3 5M
Catalog number	E3ZL81IL35MOMS
Category	Diffuse reflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-E28C6E9D02
Generated	2026-08-03

Product Overview

Ecological cc 3h Slr 90mm PNP Spot reduc. Cable 5m IO LINK COM3

Photoelectric sensor, rectangular housing, red LED, diffuse, narrow beam, 90 mm, PNP, Light-ON/Dark-ON, IO-Link COM3, 5 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 distance90 mmSensing distance (min.)60 mmSetting methodIO-Link, Manual adjustmentConnection methodCableCable length5 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 lightPolarity free red lightSpot size2.5 mmPower supply voltage10-30 VFeaturesNarrow beamDegree of protection (IP)IP67 ETIM for 671104 Sensors (EC001821)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Voltage type (EF000187)

DC
Construction type housing (EF004008)
Cuboid
Laser protection class (EF004027)
None
Degree of protection (NEMA) (EF011959)
Other
Degree of protection (IP) (EF005474)
IP67
Setting procedure (EF003994)
Parameterization
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)
Cable
Housing material (EF001596)
Plastic
Type of light (EF004029)
Polarized 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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3Z-L81-IL3 5M 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.