

INDUSTRIAL COMPONENT DATA

E2EQ-X8B1D18-M1 E2EQ7288B E2EQX8B1D18M1OMS

OMRON Proximity sensor, inductive, Fluororesin coating (base mate..

Brand: OMRON | Manufacturer Part Number: E2EQ-X8B1D18-M1



Manufacturer	OMRON
MPN / Reference	E2EQ-X8B1D18-M1
Catalog number	E2EQX8B1D18M1OMS
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-30339CFD23
Generated	2026-07-29

Product Overview

Proximity sensor, inductive, Fluororesin coating (base material: brass), M12, shielded, 8 mm, DC, 3-wire, PNP NO, IO-Link COM2, 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 > Proximity Sensors > New E2E

Additional Product Information

Specifications
Features Fluoroplastic coating
Size M18
Mounting type Quasi-flush
Sensing distance 8 mm
Overall length 53 mm
Thread length 34 mm
Material housing Brass, PTFE coated
Output type IO-Link, PNP
Operation mode NO
Connection method Connector M12
Cable specifications -

IO-Link baud rate COM2 (38.4 kbps)
Degree of protection (IP) IP67/IP69K
ETIM for 688345 Sensors (EC002714)
Feature Name
Feature Value
Explosion safety category for dust (EF003998)
None
Voltage type (EF000187)
DC
Construction type housing (EF004008)
Cylinder, screw-thread
Degree of protection (NEMA) (EF011959)
Other
Coating housing (EF001601)
Other
Mechanical mounting condition for sensor (EF004041)
Concise
Performance level according to EN ISO 13849-1 (EF007399)
None
Type of interface for safety communication (EF003956)
None
Type of actuation (EF006949)
Metallic Target
Type of switch function (EF003963)
Normally open contact
Type of electric connection (EF003961)
Connector M12
Type of interface (EF006977)
Other
SIL according to IEC 61508 (EF009889)
None
Housing material (EF001596)
Metal
Type of switching output (EF003962)
PNP
Explosion safety category for gas (EF003997)
None
Cascadable (EF000507)
No
With monitoring function downstream switching devices (EF004052)
No
Compression-resistant (EF007106)
No
Suitable for safety functions (EF001597)
No
Number of protected contact energized outputs (EF003952)
0

Number of semiconductor outputs with signalling function (EF003945)

1

Number of protected semiconduct...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2EQ-X8B1D18-M1 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.