

INDUSTRIAL COMPONENT DATA

E2EQ-X6B1T12-M1 E2EQ7175D 688329 OMRON Proximity Sensor, Inductive, Fluororesin Coating (Base Material: Bron..

Brand: OMRON | Manufacturer Part Number: E2EQ-X6B1T12-M1



Manufacturer	OMRON
MPN / Reference	E2EQ-X6B1T12-M1
Catalog number	E2EQX6B1T12M1OMS
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-0D8107A88C
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Product Overview

Proximity sensor, inductive, Fluororesin coating (base material: brass), M12, shielded, 6 mm, DC, 3-wire, PNP NO, IO-Link COM3, 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
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Additional Product Information

Specifications

Features Fluoroplastic coating

Size M12

Mounting type Flush

Sensing distance 6 mm

Overall length 48 mm

Thread length 29 mm

Material housing Brass, PTFE coated

Output type IO-Link, PNP

Operation mode NO

Connection method Connector M12

IO-Link baud rate COM3 (230.4 kbps)

Degree of protection (IP) IP67/IP69K

ETIM for 688329 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)
Quasi-flat
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 semiconductor outputs (EF003951)

0
D...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2EQ-X6B1T12-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

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