

INDUSTRIAL COMPONENT DATA

E2EH-X7D1 2M E2EH7046D E2EHX7D12MOMS OMRON

Proximity sensor M18, high temperature (120°C) stainless steel, 7..

Brand: OMRON | Manufacturer Part Number: E2EH-X7D1 2M



Manufacturer	OMRON
MPN / Reference	E2EH-X7D1 2M
Catalog number	E2EHX7D12MOMS
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-458033A1E3
Generated	2026-08-03

Product Overview

Proximity sensor M18, high temperature (120°C) stainless steel, 7mm sensing range, DC 2 wire, NO, prewired, 2m.

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 > Others

Additional Product Information

FeaturesHeat and detergent resistant inductive sensor in cylindrical stainless steel housing
The heat and detergent resistant inductive sensors provide reliable metal object or machine part detection in demanding environments such as food processing.
Temperature resistant up to 120°C
SUS316L housing with heat resistant plastic sensing face
IP69k for highest water resistance
ECOLAB tested and certified detergent resistance
Heat resistance
Enhanced temperature resistance
Detergent resistance
Enhanced detergent resistance
Ordering information
Pre-wired

Size
Sensing distance
Output configuration
Order code (for pre-wired types with 2 m heat resistant PVC cable)
Operation mode NO
Operation mode NC
M12
¢
-
3 mm
PNP
E2EH-X3B1 2M
E2EH-X3B2 2M
NPN
E2EH-X3C1 2M
E2EH-X3C2 2M
DC 2-wire
E2EH-X3D1 2M
E2EH-X3D2 2M
M18
7 mm
PNP
E2EH-X7B1 2M
E2EH-X7B2 2M
NPN
E2EH-X7C1 2M
E2EH-X7C2 2M
DC 2-wire
E2EH-X7D1 2M
E2EH-X7D2 2M
M30
12 mm
PNP
E2EH-X12B1 2M
E2EH-X12B2 2M
NPN
E2EH-X12C1 2M
E2EH-X12C2 2M
DC 2-wire
E2EH-X12D1 2M
E2EH-X12D2 2M
Connector types (M12)
Size
Sensing distance
Output
Order code (for M12 connector types)
Operation mode NO

Operation mode NC

M12

¢

-

3 mm

PNP

E2EH-X3B1-M1

E2EH-X3B2-M1

NPN

E2EH-X3C1-M1

E2EH-X3C2-M1

DC 2-wire

E2EH-X3D1-M1G

E2EH-X3D2-M1G

M18

7 mm

PNP

E2EH-X7B1-M1

E2EH-X7B2-M1

NPN

E2EH-X7C1-M1

E2EH-X7C2-M1

DC 2-wire

E2EH-X7D1-M1G

E2EH-X7D2-M1G

M30

12 mm

PNP

E2EH-X12B1-M1

E2EH-X12B2-M1

NPN

E2EH-X12C1-M1

E2EH-X12C2-M1

DC 2-wire

E2EH-X12D1-M1G

E2EH-X12D2-M1G

Specifications....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2EH-X7D1 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.