

INDUSTRIAL COMPONENT DATA

E2EH-X7B1-M1 E2EH7036G E2EHX7B1M1OMS OMRON

Stainless steel High temperature 3h Enr 7mm M18 PNP NA M12 Connec..

Brand: OMRON | Manufacturer Part Number: E2EH-X7B1-M1



Manufacturer	OMRON
MPN / Reference	E2EH-X7B1-M1
Catalog number	E2EHX7B1M1OMS
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-EA6F5F988E
Generated	2026-08-01

Product Overview

Stainless steel High temperature 3h Enr 7mm M18 PNP NA M12 Connector

Proximity sensor M18, high temperature (100°C) stainless steel, 7 mm sensing range, DC PNP, NO, M12 plug-in

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

SizeM18Mounting typeFlushSensing distance7 mmOutput typePNPOperation modeNOConnection methodConnector
M12Material housingStainless steelCable specifications-Overall length of sensor53 mmThread length38 mmFeaturesHeat
and detergent resistanceDegree of protection (IP)IP67/IP69K

ETIM for 290061 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)
None
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)
Yes
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
Diameter sensor (EF007111)
18 mm
Switching dis...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2EH-X7B1-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.