

INDUSTRIAL COMPONENT DATA

E2B-M12KS02-WP-B1 2M E2B 2096F

E2BM12KS02WPB12MOMI OMRON Inductive M12 Flush-2mm 3h PNP NA Cable 2m Lite

Brand: OMRON | Manufacturer Part Number: E2B-M12KS02-WP-B1 2M



Manufacturer	OMRON
MPN / Reference	E2B-M12KS02-WP-B1 2M
Catalog number	E2BM12KS02WPB12MOMI
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-5AA243BB7D
Generated	2026-08-02

Product Overview

Inductive M12 Flush-2mm 3h PNP NA Cable 2m Lite

Proximity sensor, inductive, nickel-brass, short body, M12, shielded, 2 mm, DC, 3-wire, PNP NO, 2 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 > Proximity Sensors > E2B
--------------	---------------------------------

Additional Product Information

SizeM12Mounting typeFlushSensing distance2 mmOutput typePNPOperation modeNOConnection methodCableMaterial housingBrass, nickel platedCable specificationsPVCCable length2 mOverall length of sensor47 mmThread length30 mmDegree of protection (IP)IP67
ETIM for 674327 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)
Level a
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)
Cable
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)
12 mm
Switching distance (EF003647)
2 mm
Length of senso...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2B-M12KS02-WP-B1 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.