

## INDUSTRIAL COMPONENT DATA

**E2B-M12KN05-WP-B2 2M E2B 2122R****E2BM12KN05WPB22MOMI OMRON Inductive M12 enr 5mm 3h PNP NC Cable 2m Lite**

Brand: OMRON | Manufacturer Part Number: E2B-M12KN05-WP-B2 2M



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | OMRON                      |
| MPN / Reference | E2B-M12KN05-WP-B2 2M       |
| Catalog number  | E2BM12KN05WPB22MOMI        |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-42C5EF8387              |
| Generated       | 2026-08-01                 |

**Product Overview**

Inductive M12 enr 5mm 3h PNP NC Cable 2m Lite

Proximity sensor, inductive, nickel-brass, short body, M12, unshielded, 5 mm, DC, 3-wire, PNP NC, 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 &gt; Proximity Sensors &gt; E2B

**Additional Product Information**

SizeM12Mounting typeNon-flushSensing distance5 mmOutput typePNPOperation modeNCCConnection methodCableMaterial housingBrass, nickel platedCable specificationsPVCCable length2 mOverall length of sensor47 mmThread length23 mmDegree of protection (IP)IP67  
ETIM for 674405 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)  
Not flat  
Type of interface for safety communication (EF003956)  
None  
Type of actuation (EF006949)  
Metallic Target  
Type of switch function (EF003963)  
Breaker contact  
Type of electric connection (EF003961)  
Cable  
Type of interface (EF006977)  
None  
Housing material (EF001596)  
Metal  
Type of switching output (EF003962)  
PNP  
Explosion safety category for gas (EF003997)  
None  
Suitable for safety functions (EF001597)  
No  
Number of protected contact energized outputs (EF003952)  
0  
Number of protected semiconductor outputs (EF003951)  
0  
Diameter sensor (EF007111)  
12 mm  
Switching distance (EF003647)  
5 mm  
Length of sensor (EF007334)  
47 mm  
Switching frequency (EF003587)  
800 Hz  
Number of contact energized outputs with signalling function (EF003946)  
0  
Supply voltage (EF004127)  
10 V  
Rated control supply voltage DC (EF003980)  
12 V

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2B-M12KN05-WP-B2 2M with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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