

**INDUSTRIAL COMPONENT DATA**

# E2E-S05S12-MC-B1 E2E 8130C E2ES05S12MCB1OMS OMRON

## Inductive day.M5 Flush-1.2 mm 3h PNP NA Connector M8 3-pin

Brand: OMRON | Manufacturer Part Number: E2E-S05S12-MC-B1



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | OMRON                      |
| MPN / Reference | E2E-S05S12-MC-B1           |
| Catalog number  | E2ES05S12MCB1OMS           |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-C96D67939D              |
| Generated       | 2026-08-03                 |

### Product Overview

Inductive day.M5 Flush-1.2 mm 3h PNP NA Connector M8 3-pin

Proximity sensor, inductive, M5, shielded, 1.2 mm, DC, 3-wire, PNP NO, M8 connector 3 pins

**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 > E2E |
|--------------|---------------------------------|

### Additional Product Information

SizeM5Mounting typeFlushSensing distance1.2 mmOutput typePNPOperation modeNOConnection methodConnector M8 - 3 pinMaterial housingStainless steelCable specifications-Overall length of sensor40 mmThread length14 mmDegree of protection (IP)IP67

ETIM for 375569 Sensors (EC002714)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Voltage type (EF000187)

DC

Construction type housing (EF004008)

Cylinder plain

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)  
Connector M8  
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)  
5 mm  
Switching distance (EF003647)  
1.2 mm  
Length of sensor (EF0...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2E-S05S12-MC-B1 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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