

## INDUSTRIAL COMPONENT DATA

# E2S-W24 1M E2S 7056D E2SW241MOMS OMRON Miniature rectangular Inductive, front face sensing, unshielded, 2.5m..

Brand: OMRON | Manufacturer Part Number: E2S-W24 1M



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | OMRON                      |
| MPN / Reference | E2S-W24 1M                 |
| Catalog number  | E2SW241MOMS                |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-D083563BFE              |
| Generated       | 2026-08-02                 |

## Product Overview

Miniature rectangular Inductive, front face sensing, unshielded, 2.5mm, NPN, NC, 1M cable

Miniature rectangular Inductive, top surface detection, unshielded, 2.5 mm, NPN, NC, 1M 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; Others

## Additional Product Information

ETIM for 231609 Sensors (EC002714)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Voltage type (EF000187)

DC

Construction type housing (EF004008)

Cuboid

Degree of protection (NEMA) (EF011959)

Other

Coating housing (EF001601)

Other

Mechanical mounting condition for sensor (EF004041)

Not 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)

Breaker contact

Type of electric connection (EF003961)

Cable

Type of interface (EF006977)

None

SIL according to IEC 61508 (EF009889)

None

Housing material (EF001596)

Plastic

Type of switching output (EF003962)

NPN

Interference resistance to magnetic fields (EF008275)

Immune against magnetic DC-field

Explosion safety category for gas (EF003997)

None

Cascadable (EF000507)

No

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

Width sensor (EF007094)

8 mm

Height of sensor (EF007283)

7.4 mm

Switching distance (EF003647)

2.5 mm

Length of sensor (EF007334)

23 mm

Switching frequency (EF003587)

1000 Hz

Number of contact energized outputs with signalling function (EF003946)

0

Supply voltage (EF0...

### REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2S-W24 1M 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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