

## INDUSTRIAL COMPONENT DATA

# E2S-W25 1M E2S 7058M E2SW251MOMS OMRON Miniature Square Front 3h NoEnr 2.5 mm PNP NA Cable 1m

Brand: OMRON | Manufacturer Part Number: E2S-W25 1M



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | OMRON                      |
| MPN / Reference | E2S-W25 1M                 |
| Catalog number  | E2SW251MOMS                |
| Category        | Inductive proximity switch |
| Minimum order   | 10 Pcs                     |
| Document ID     | EO-654B67254F              |
| Generated       | 2026-07-29                 |

## Product Overview

Miniature Square Front 3h NoEnr 2.5 mm PNP NA Cable 1m

Miniature rectangular Inductive, front face sensing, unshielded, 2.5mm, PNP, NO, 1m cable

Miniature rectangular Inductive, top surface detection, unshielded, 2.5mm, PNP, NO, 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

Size8 x 8 x 23 mmMounting typeNon-flushSensing distance2.5 mmOutput typePNPOperation modeNOConnection methodCableMaterial housingPolyacrylateCable specificationsPVCCable length1 mOverall length of sensor23 mmSensing surface orientationTop

ETIM for 231610 Sensors (EC002714)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Voltage type (EF000187)

DC

Construction type housing (EF004008)

Special construction

Degree of protection (NEMA) (EF011959)

Other  
Coating housing (EF001601)  
Other  
Mechanical mounting condition for sensor (EF004041)  
Other  
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)  
Other  
Type of interface (EF006977)  
None  
SIL according to IEC 61508 (EF009889)  
None  
Housing material (EF001596)  
Plastic  
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  
Width sensor (EF007094)  
7.4 mm  
Height of sensor (EF007283)  
18.8 mm  
Switching distance (EF00364...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2S-W25 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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