

## INDUSTRIAL COMPONENT DATA

# E2NC-ED02-S E2NC0014E E2NCED02S OMRON Sensor head, shielded, cylindrical 8 mm diameter, sensing distance 2 m..

Brand: OMRON | Manufacturer Part Number: E2NC-ED02-S



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | OMRON                      |
| MPN / Reference | E2NC-ED02-S                |
| Catalog number  | E2NCED02S                  |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-FE693F85DC              |
| Generated       | 2026-07-31                 |

## Product Overview

Sensor head, shielded, cylindrical 8 mm diameter, sensing distance 2 mm, repeat accuracy 2 µm, 2.6 m cable with protective spiral tube

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path OMRON > Advanced sensors > Other Sensors

## Additional Product Information

Sizedia 8 mmMounting typeFlushConnection methodSystem connectorMaterial housingBrassCable specificationsArmoured, PVCCable length2.6 mOverall length of sensor22 mmRepeat accuracy2 µmSensing distance2 mm ETIM for 695040 Sensors (EC002714)

Feature Name

Feature Value

Degree of protection (NEMA) (EF011959)

Other

Mechanical mounting condition for sensor (EF004041)

Concise

Type of interface for safety communication (EF003956)

None

Housing material (EF001596)

Metal

Explosion safety category for gas (EF003997)

None  
Explosion safety category for dust (EF003998)  
None  
Voltage type (EF000187)  
DC  
Construction type housing (EF004008)  
Cylinder plain  
Coating housing (EF001601)  
Other  
Type of actuation (EF006949)  
Metallic Target  
Type of switch function (EF003963)  
Programmable/configurable  
Type of electric connection (EF003961)  
Cable with connector  
Type of interface (EF006977)  
None  
Type of switching output (EF003962)  
PNP/NPN  
Cascadable (EF000507)  
No  
With monitoring function downstream switching devices (EF004052)  
No  
Compression-resistant (EF007106)  
No  
Suitable for safety functions (EF001597)  
No  
Number of semiconductor outputs with signalling function (EF003945)  
2  
Switching frequency (EF003587)  
3300 Hz  
Number of contact energized outputs with signalling function (EF003946)  
0  
Number of protected contact energized outputs (EF003952)  
0  
Number of protected semiconductor outputs (EF003951)  
0  
Diameter sensor (EF007111)  
8 mm  
Switching distance (EF003647)  
2 mm  
Length of sensor (EF007334)  
22 mm  
Supply v...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2NC-ED02-S 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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