

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	2026-08-01

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 or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.