

INDUSTRIAL COMPONENT DATA

E3NC-SH100 2M E3NC0008R E3NCSH1002M OMRON Head sensor Laser E3NC-S 35-100mm

Brand: OMRON | Manufacturer Part Number: E3NC-SH100 2M



Manufacturer	OMRON
MPN / Reference	E3NC-SH100 2M
Catalog number	E3NCSH1002M
Category	Light scanner with background masking
Minimum order	1 Pcs
Document ID	EO-94D2A5EB2D
Generated	2026-07-31

Product Overview

Head sensor Laser E3NC-S 35-100mm
 CMOS Laser sensor head, 35-100mm, 1 mm spot

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 > N-Smart

Additional Product Information

ETIM for 375074 Sensors (EC002719)
 Feature Name
 Feature Value
 Degree of protection (NEMA) (EF011959)
 Other
 Degree of protection (IP) (EF005474)
 IP67
 Material of optical surface (EF004134)
 Plastic
 Type of interface for safety communication (EF003956)
 Other
 Housing material (EF001596)
 Plastic
 Operation agent-safety class (EF003982)

Safety class 3
Explosion safety category for gas (EF003997)
None
Explosion safety category for dust (EF003998)
None
Voltage type (EF000187)
DC
Construction type housing (EF004008)
Cuboid
Laser protection class (EF004027)
Class 1
Setting procedure (EF003994)
Teach-In
Sensing mode (EF007503)
Light-/dark switching
Triangulation (EF008296)
Background fade-out
Type of switch function (EF003963)
Other
Type of electric connection (EF003961)
Cable with connector
Type of light (EF004029)
Laser diode, red light
Material of cable sheath (EF004136)
Polyvinyl chloride (PVC)
Type of switching output (EF003962)
Other
With communication interface RS-485 (EF007314)
No
With communication interface SSD (EF007315)
No
With communication interface SSI (EF007316)
No
Analogue output 0 mA ... 20 mA (EF006808)
No
With communication interface RS-232 (EF007312)
No
With monitoring function downstream switching devices (EF004052)
No
With communication interface INTERBUS (EF007310)
No
With communication interface CANOpen (EF007307)
No
With communication interface Ethernet (EF007309)
No
Analogue output 4 mA ... 20 mA (EF006810)
No

With communication interface AS-Interface (EF00730...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3NC-SH100 2M 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.