

INDUSTRIAL COMPONENT DATA

E3AS-HF6000DMN M1V E3AS0203A E3ASHF6000DMNM1VOMS OMRON Photoelectric sensor, aluminum die cast (chrome plati..

Brand: OMRON | Manufacturer Part Number: E3AS-HF6000DMN M1V



Manufacturer	OMRON
MPN / Reference	E3AS-HF6000DMN M1V
Catalog number	E3ASHF6000DMNM1VOMS
Category	Light scanner with background masking
Minimum order	1 Pcs
Document ID	EO-6659842B8A
Generated	2026-08-05

Product Overview

Photoelectric sensor, aluminum die cast (chrome plating) case, red laser class 1, time-of-flight, diffused beam type, 6000 mm, NPN, Light-ON/Dark-ON, M12 connector (vertical)

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path	OMRON
--------------	-------

Additional Product Information

ShapeCuboidSensing methodBackground suppressionSensing distance6000 mmSensing distance (min.)50 mmSetting methodTeach-InConnection methodConnector M12Output typeNPNOperation modeDark-ON, Light-ONResponse time2 msMaterial housingAluminiumProduct Width (unpacked)26.5 mmProduct Height (unpacked)74.7 mmProduct Depth (unpacked)51.2 mmType of lightLaser diode, red lightLaser class1Power supply voltage10-30 VFeaturesTOF (Time of Flight)Degree of protection (IP)IP67/IP67G/IP69K
ETIM for 724871 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)
Metal
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)
Parameterization
Sensing mode (EF007503)
Light switching
Triangulation (EF008296)
Background fade-out
Type of switch function (EF003963)
Programmable/configurable
Type of electric connection (EF003961)
Connector M12
Type of light (EF004029)
Laser diode, red light
Material of cable sheath (EF004136)
Other
Type of switching output (EF003962)
NPN
With communication interface RS-485 (EF007314)
No
With communication interface SSD (EF0073...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3AS-HF6000DMN M1V 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.