

INDUSTRIAL COMPONENT DATA

E32-A03 2M E32A0003H E32A032M OMRON Barrier detection wafers D3mm

Brand: OMRON | Manufacturer Part Number: E32-A03 2M



Manufacturer	OMRON
MPN / Reference	E32-A03 2M
Catalog number	E32A032M
Category	Optical fibre sensor / optical fibre amplifier
Minimum order	1 Pcs
Document ID	EO-76E7F87684
Generated	2026-08-02

Product Overview

Barrier detection wafers D3mm

Fiber optic sensor head, through-beam, cylindrical radial, diameter 3.5 mm, R1 flexible fiber, 2 m 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 > Photoelectric sensors > E32
--------------	-------------------------------------

Additional Product Information

Sensing methodThrough-beamShapeCylindrical radialSizedia 3.5 mmApplicationObject detection, Wafer mappingFeaturesFlexible fiberTemperature range-40-70 °CSensing distance4000 mmCable length2 mBending radius1 mmFree cutMaterial corePlasticDegree of protection (IP)IP50Sensing surface orientationSide-viewMaterial sheathPolyethylene

ETIM for 146995 Sensors (EC002651)

Feature Name

Feature Value

Voltage type (EF000187)

Other

Construction type housing (EF004008)

Cylinder plain

Laser protection class (EF004027)

Other

Degree of protection (IP) (EF005474)

IP67
Setting procedure (EF003994)
Other
Indication (EF000350)
Other
Type of switch function (EF003963)
Programmable/configurable
Type of electric connection (EF003961)
Other
Material fibre optics core (EF004137)
Plastic
Housing material (EF001596)
Other
Type of light (EF004029)
Polarity free red light
Material of cable sheath (EF004136)
Other
Type of switching output (EF003962)
Other
Operation agent-safety class (EF003982)
Safety class 0
Analogue output -10 V ... +10 V (EF006809)
No
Analogue output 0 V ... 10 V (EF006807)
No
Analogue output 0 mA ... 20 mA (EF006808)
No
With blanking function (EF003968)
No
Analogue output 4 mA ... 20 mA (EF006810)
No
With time function (EF003582)
No
Nominal operating distance (EF004059)
2650 mm
Number of semiconductor outputs with signalling function (EF003945)
0
Length amplifier (EF007335)
20.5 mm
Diameter sensor (EF007111)
3 mm
Number of contact energized outputs with signalling function (EF003946)
0...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E32-A03 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.