

INDUSTRIAL COMPONENT DATA

E32-D331 2M E32 1552R E32D3312M,1 OMRON Reflex miniature flexibility D0.5mm

Brand: OMRON | Manufacturer Part Number: E32-D331 2M



Manufacturer	OMRON
MPN / Reference	E32-D331 2M
Catalog number	E32D3312M.1
Category	Optical fibre sensor / optical fibre amplifier
Minimum order	1 Pcs
Document ID	EO-4EE657CEB9
Generated	2026-07-27

Product Overview

Reflex miniature flexibility D0.5mm

Miniature reflex flexibility D0.5mm

Fiber optic sensor head, diffuse, cylindrical axial diameter 3 mm with sleeve, diameter 0.8 mm, 15 mm length, R25 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 methodDiffuse reflectiveShapeSleevedSizedia 2 mmApplicationObject detectionFeaturesMiniatureTemperature range-40-70 °CSensing distance21 mmCable length2 mSleeve diameter0.5 mmSleeve length15 mmBending radius4 mmFree cutMaterial corePlasticDegree of protection (IP)IP67Sensing surface orientationTop-viewMaterial sheathPolyethylene

ETIM for 379172 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)
Other
Type of electric connection (EF003961)
Other
Material fibre optics core (EF004137)
Plastic
Housing material (EF001596)
Stainless steel
Type of light (EF004029)
Other
Material of cable sheath (EF004136)
Other
Type of switching output (EF003962)
Other
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)
9 mm
No-load current (EF004028)
0 mA
Number of semiconductor outputs with signalling function (EF003945)
0
Diameter sensor (EF007111)
0.5 mm
Max. output current (EF001315)
0 mA
Number of contact energized outputs with signalling function (EF003946)
0
Ambient temperature (EF002386)
-40 °C

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E32-D331 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.