

INDUSTRIAL COMPONENT DATA

E32-T54 2M E32 5138M E32T542M OMRON Barrier high temperature 150°C D2mm

Brand: OMRON | Manufacturer Part Number: E32-T54 2M



Manufacturer	OMRON
MPN / Reference	E32-T54 2M
Catalog number	E32T542M
Category	Optical fibre sensor / optical fibre amplifier
Minimum order	1 Pcs
Document ID	EO-4830AAF5F8
Generated	2026-07-29

Product Overview

Barrier high temperature 150°C D2mm

Fiber optic sensor head, through-beam, cylindrical radial, diameter 3 mm, R35 heat resistant fiber, up to 150°C, 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 mmApplicationObject
detectionFeaturesHeat-resistantTemperature range-40-150 °CSensing distance670 mmCable length2 mBending radius35
mmFree cutMaterial corePlasticDegree of protection (IP)IP67Sensing surface orientationTop-viewMaterial
sheathFluororesin
ETIM for 158116 Sensors (EC002651)
Feature Name
Feature Value
Voltage type (EF000187)
Other
Construction type housing (EF004008)
Rod
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)
Plastic
Type of light (EF004029)
Other
Material of cable sheath (EF004136)
Polyvinyl chloride (PVC)
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)
300 mm
Number of semiconductor outputs with signalling function (EF003945)
0
Height amplifier (EF007284)
33.5 mm
Length amplifier (EF007335)
71.8 mm
Diameter sensor (EF007111)
2 mm
Number of contact energized outputs with signalling function (EF003946)
0
Ambient te...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E32-T54 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.