

INDUSTRIAL COMPONENT DATA

E32-T12B 2M E32 1570G E32T12B2M,1 OMRON Sensor barrier of fiber-optical head of 3 mm of diameter, applicatio..

Brand: OMRON | Manufacturer Part Number: E32-T12B 2M



Manufacturer	OMRON
MPN / Reference	E32-T12B 2M
Catalog number	E32T12B2M.1
Category	Optical fibre sensor / optical fibre amplifier
Minimum order	1 Pcs
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Product Overview

Sensor barrier of fiber-optical head of 3 mm of diameter, applications roboticas, fiber, R4-resistant to breakage, cable 2 m
Fiber Optic Barrier Sensor, 3mm Diameter Head, Robotic Applications, Break-Resistant R4 Fiber, 2m 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
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Additional Product Information

FeaturesRobot application fiber sensor heads

For applications on frequently or fast moving parts, the robot fibers reduce the risk of fiber breakage with a guaranteed operational life of more than 1 million bending cycles.

Free moving multicore fibers for > 1 mio bending cycles

Square shapes for easy surface installation

Cylindrical sizes from dia 1.5 mm to M6

Tested durability

Guaranteed more than 1 mio bending operations.

Fiber breakage protection

Free moving fiber cores prevent fiber breakage and light intensity loss when the fiber is bent.

Ordering information

Sensor type

Size

Sensing distance (in mm)1

Order code

E3X-HD

E3NX-FA

M4

1350

2000

E32-T11 2M

M3

400

600

E32-T21 2M

dia 3 mm

1350

2000

E32-T12B

dia 2 mm

400

600

E32-T221B

dia 1.5 mm

400

600

E32-T22B

15 × 18 × 3 mm

1350

2000

E32-T15XB 2M

M6

350

520

E32-D11 2M

M4

140

210

E32-D21B 2M

M3

60

90

E32-D21 2M

dia 1.5 mm

60

90

E32-D22B 2M

15 × 10 × 3 mm

350

520

E32-D15XB 2M

Specifications

Item

Square

Cylindrical

E32-D15XB

E32-T15XB

E32-T21

E32-D11

E32-T11

E32-D21

E32-T12B

E32-T22B

E32-D21B

E32-D22B

E32-T221B

Permissible bending radius

R4

Cut to length

Yes

Ambient temperature

-40°C to 70°C

Material

Head

Aluminium

Brass-nickel plated

Stainless steel

Fiber

PMMA

Sheath

PVC coating

Polyethylene coating

PVC coating

Degree of protection

IEC 60529 IP67

1.Sensing distance measured in Standard Mode

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E32-T12B 2M with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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