

INDUSTRIAL COMPONENT DATA

E32-T12B 10M E32 2163D E32T12B10M OMRON Fiber optic sensor, through-beam, 3 mm dia head, robot application, ..

Brand: OMRON | Manufacturer Part Number: E32-T12B 10M



Manufacturer	OMRON
MPN / Reference	E32-T12B 10M
Catalog number	E32T12B10M
Category	Optical fibre sensor / optical fibre amplifier
Minimum order	1 Pcs
Document ID	EO-D39E496067
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Product Overview

Fiber optic sensor, through-beam, 3 mm dia head, robot application, break resistant R4 fiber, 10 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
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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 10M 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

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