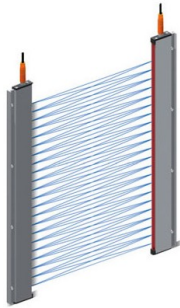


INDUSTRIAL COMPONENT DATA

F3E-12-T6 AA026210H F3E12T6 OMRON 12-channel, 34-beam, h:1590mm, Area sleuth. 1320mm Connector M8

Brand: OMRON | Manufacturer Part Number: F3E-12-T6



Manufacturer	OMRON
MPN / Reference	F3E-12-T6
Catalog number	F3E12T6
Category	Multiple beam light curtain
Minimum order	1 Pcs
Document ID	EO-621301D064
Generated	2026-08-03

Product Overview

12-channel, 34-beam, h:1590mm, Area sleuth. 1320mm Connector M8
12 channels, 34 beams, h:1590mm, Detection area. 1320mm M8 connector

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path OMRON > Advanced sensors > Other Sensors

Additional Product Information

Thin 9 mm shape for easy design-in in elevator constructions
High ambient light immunity
Robust aluminium housing
Fulfills requirements of EN81-70 (1800 mm models) for mounting in elevators
Specifications & ordering info
Ordering information
Sensor type
Detection
area
Pitch
Sensing
distance
Channels
Number of

optical axis

Connection method

Order code1

Potential free output

Through-beam

200 mm

40 mm

5 m

6

16

-

-

5 m

-

F3E-06-T1 5M

¢

-

-

-

F3E-06-T6

1320 mm

120 mm

12

34

-

-

5 m

-

F3E-12-T1 5M

¢

-

-

-

F3E-12-T6

1800 mm

120 mm

16

46

-

-

5 m

-

F3E-16-T1 5M

¢

-

-

-

F3E-16-T6

40 mm

46

136

-

-

5 m

-

F3E-46-T1 5M

¢

-

-

-

F3E-46-T6

Specifications

Item

Through-beam

F3E-06-T_

F3E-12-T_

F3E-16-T_

F3E-46-T_

Number of LEDs

6

12

16

46

Number of optical axes

16

34

46

136

Pitch

40 mm

120 mm

120 mm

40 mm

Vertical detection range

20 to 200 mm

20 to 1320 mm

20 to 1820 mm

Response time

max. 110 ms (signal interruption)

Light source (wave length)

Infrared LED (880 nm)

Power supply voltage

10 to 30 VDC

Ambient temperature

Operation

-20 to 60°C

Storage

-40 to 70°C

EMC conformity/standards

73/23/EWG; 89/336/EWG; 95/16/EG; EN81-1; EN81-2; EN12015; EN12016; EN61000-6-x

Degree of protection

IEC 60529 IP54

Dimensions

400 × 40.7 × 9 mm

1590 × 40.7 × 9 mm

2070 × 40.7 × 9 mm

2000 × 40.7 × 9 mm

Material**Case**

Aluminum

1.Light-ON/Dark-ON settable. Common operation is Dark-ON

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEWSend OMRON / F3E-12-T6 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.**GLOBAL OFFICES**

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