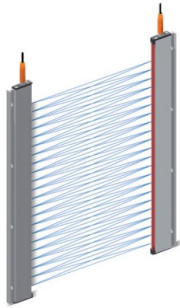


**INDUSTRIAL COMPONENT DATA**

# 365887 F3EM20051800AV OMRON Height 1800mm 3m Sep. do 5mm analog Output

Brand: OMRON | Manufacturer Part Number: 365887



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | OMRON                       |
| MPN / Reference | 365887                      |
| Catalog number  | F3EM20051800AV              |
| Category        | Multiple beam light curtain |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-1FE156E766               |
| Generated       | 2026-08-06                  |

## Product Overview

Height 1800mm 3m Sep. do 5mm analog Output  
Height 1800mm 3m Sep. beams 5mm Analog output

**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 |
|--------------|-------------------------------|

## Additional Product Information

FeaturesLight curtain in thin aluminium housing

The crossing of the multiple sensorbeams provides a reliable area monitoring in a thin, easy to install housing. The thin housing makes the light curtain ideal for the installation where space is crucial.

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

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 × ....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / 365887 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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.