

## INDUSTRIAL COMPONENT DATA

# F3SG-2RE1600P14 F3SG6184H F3SG2RE1600P14,1 OMRON

## Barrier basic safety, IP67 Type 2 Finger 1600mm

Brand: OMRON | Manufacturer Part Number: F3SG-2RE1600P14



|                 |                  |
|-----------------|------------------|
| Manufacturer    | OMRON            |
| MPN / Reference | F3SG-2RE1600P14  |
| Catalog number  | F3SG2RE1600P14.1 |
| Category        | Light curtain    |
| Minimum order   | 1 Pcs            |
| Document ID     | EO-2A1AA4D71A    |
| Generated       | 2026-07-28       |

### Product Overview

Barrier basic safety, IP67 Type 2 Finger 1600mm

Basic Safety Barrier IP67 Type 2 Finger 1600mm

Safety Sensor, F3SG-R Easy, Type 2, 14 mm resolution, range 0.3 to 10.0 m, height 1600 mm, PNP

## STRUCTURED PRODUCT DATA

### Technical Specifications

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

### Classification & Catalog Path

Catalog path OMRON &gt; Security Sensors &gt; Barriers F3SG-R

### Additional Product Information

ETIM for 673503 Sensors (EC002549)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Voltage type (EF000187)

DC

Type of switching output of the OSSD (EF003959)

PNP

Scope of delivery of the one-way system (EF004032)

Transmitter and receiver

Degree of protection (NEMA) (EF011959)

Other

Degree of protection (IP) (EF005474)  
IP67

Type of safety according to IEC 61496-1 (EF004105)  
2

Type of interface for safety communication (EF003956)  
Other

Type of electric connection (EF003961)  
Connector M12

Operation agent-safety class (EF003982)  
Safety class 3

Explosion safety category for gas (EF003997)  
None

Cascadable (EF000507)  
No

Override possible (EF004061)  
No

With muting function (EF004057)  
No

With monitoring function downstream switching devices (EF004052)  
No

Suitable for safety functions (EF001597)  
Yes

Reduced resolution (EF004095)  
No

With beam coding (EF004114)  
No

Fade-out possible (EF003955)  
No

With restart blockage (EF004054)  
No

Max. output current at protected output (EF004035)  
300 mA

Number of protected contact energized outputs (EF003952)  
0

Number of semiconductor outputs with signalling function (EF003945)  
0

Safety field height (EF004103)  
1600 mm

Wavelength of the sensor (EF004132)  
870 nm

Detection capability for test bodies (EF003991)  
14 mm

Resolution of the light curtain (EF006784)  
10 mm

Response time (EF004094)  
13 ms

Number of protected semiconductor outputs (EF003951)

2

Transmission range of the safety field (EF004098)

10 m

Switching voltage of OS...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send OMRON / F3SG-2RE1600P14 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**

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