

**INDUSTRIAL COMPONENT DATA**

# F3SG-4RE0990P30 F3SG6146E 673263 OMRON Basic Safety Barrier IP67 Type 4 Hand 990mm

Brand: OMRON | Manufacturer Part Number: F3SG-4RE0990P30



|                 |                  |
|-----------------|------------------|
| Manufacturer    | OMRON            |
| MPN / Reference | F3SG-4RE0990P30  |
| Catalog number  | F3SG4RE0990P30.1 |
| Category        | Light curtain    |
| Minimum order   | 1 Pcs            |
| Document ID     | EO-A8DFE524A0    |
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## Product Overview

Barrier basic safety, IP67, Type 4, Hand-990mm

Safety Sensor, F3SG-R Easy, Type 4, 30 mm resolution, range 0.3 to 20.0 m, height 990 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 > Security Sensors > Barriers F3SG-R |
|--------------|--------------------------------------------|

## Additional Product Information

### Specifications

Type of safety according to IEC 61496-1 4

Type of protection Hand protection

Detection capability 30 mm

Safety field height 990 mm

Beam gap 20 mm

Number of beams 48

Number of protected semiconductor outputs 2

Number of semiconductor outputs with signalling function 0

Maximum safety range 20 m

Minimum operating distance 0.3 m

Response time 7 ms

Cascadable

With muting function

With beam coding  
Type of switching output of the OSSD PNP  
Key features Fast response (ON/OFF applications), Simple wiring  
Suitable for safety functions  
Scope of delivery Transmitter and receiver  
Wavelength of the sensor 870 nm  
Type of electric connection Connector M12  
Supply voltage DC 19.2-28.8 V  
Voltage type DC  
Max. output current at protected output 300 mA  
Degree of protection (IP) IP67  
Ambient temperature -10-55 °C  
Overall length 990 mm  
Height of sensor 35 mm  
Width sensor 35 mm  
ETIM for 673263 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)  
4  
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...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F3SG-4RE0990P30 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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