

## INDUSTRIAL COMPONENT DATA

# F3SG-4SRB0960-14-F F3G28121F F3SG4SRB096014F,1 OMRON Safety Light Curtain, F3SG-SRB Standard, Type 4, 14 mm ..

Brand: OMRON | Manufacturer Part Number: F3SG-4SRB0960-14-F



|                 |                    |
|-----------------|--------------------|
| Manufacturer    | OMRON              |
| MPN / Reference | F3SG-4SRB0960-14-F |
| Catalog number  | F3SG4SRB096014F.1  |
| Category        | Light curtain      |
| Minimum order   | 1 Pcs              |
| Document ID     | EO-483FD2001F      |
| Generated       | 2026-08-05         |

## Product Overview

Safety Light Curtain, F3SG-SRB Standard, Type 4, 14 mm resolution, range 0.3 to 10.0 m, height 960 mm, PNP/NPN

## 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

Sensing methodSafety light curtainType of protectionFinger protectionNumber of beams95Detection capability14 mmSafety field height960 mmType of safety according to IEC 61496-14Beam spacing10 mmMaximum safety range10 mMinimum operating distance0.3 mKey featuresAuxiliary output, Blanking, Designated beam output, External Device Monitoring (EDM), External test, Interlock, Muting, Mutual interference prevention, Operating range selection, PNP/NPN selection, Pre-reset, Response time adjustment, Warning zoneDegree of protection (IP)IP65/IP67/IP67GCascadableNumber of protected semiconductor outputs2Number of semiconductor outputs with signalling function1Type of switching output of the OSSDPNP/NPNResponse time13 msWith muting functionWith beam codingCommunication option(s)Bluetooth, IO-Link, USBSuitable for safety functionsScope of deliveryTransmitter and receiverWavelength of the sensor870 nmConnection methodRoot connector (order separately)Supply voltage DC19.2-28.8 VMax. output current at protected output300 mAAmbient temperature-30-55 °COverall length of sensor960 mmHeight of sensor960 mmWidth of sensor32 mmNumber of fixed side-mount brackets2Number of adjustable side-mount brackets2Number of intermediate brackets1

ETIM for 699852 Sensors (EC002549)

Feature Name

Feature Value

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

Opera...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F3SG-4SRB0960-14-F 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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