

## INDUSTRIAL COMPONENT DATA

# F3SG-4SRB0720-14-F F3G28115A F3SG4SRB072014F,1 OMRON Safety Light Curtain, F3SG-SRB Standard, Type 4, 14 mm ..

Brand: OMRON | Manufacturer Part Number: F3SG-4SRB0720-14-F



|                 |                    |
|-----------------|--------------------|
| Manufacturer    | OMRON              |
| MPN / Reference | F3SG-4SRB0720-14-F |
| Catalog number  | F3SG4SRB072014F.1  |
| Category        | Light curtain      |
| Minimum order   | 1 Pcs              |
| Document ID     | EO-912A2D7411      |
| 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 720 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 &gt; Security Sensors &gt; Barriers F3SG-R

## Additional Product Information

Sensing methodSafety light curtainType of protectionFinger protectionNumber of beams71Detection capability14 mmSafety field height720 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 sensor720 mmHeight of sensor720 mmWidth of sensor32 mmNumber of fixed side-mount brackets2Number of adjustable side-mount brackets2Number of intermediate brackets0  
ETIM for 699836 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/NPN

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

Transmitter and rece...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F3SG-4SRB0720-14-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

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.