

## INDUSTRIAL COMPONENT DATA

# F3SG-4SRB0520-25-F F3G28137B F3SG4SRB052025F,1 OMRON Safety Light Curtain, F3SG-SRB Standard, Type 4, 25 mm ..

Brand: OMRON | Manufacturer Part Number: F3SG-4SRB0520-25-F



|                 |                    |
|-----------------|--------------------|
| Manufacturer    | OMRON              |
| MPN / Reference | F3SG-4SRB0520-25-F |
| Catalog number  | F3SG4SRB052025F.1  |
| Category        | Light curtain      |
| Minimum order   | 1 Pcs              |
| Document ID     | EO-13847DF158      |
| Generated       | 2026-08-05         |

## Product Overview

Safety Light Curtain, F3SG-SRB Standard, Type 4, 25 mm resolution, range 0.3 to 20.0 m, height 520 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 pathOMRON &gt; Security Sensors &gt; Barriers F3SG-R

## Additional Product Information

Sensing methodSafety light curtainType of protectionHand protectionNumber of beams26Detection capability25 mmSafety field height520 mmType of safety according to IEC 61496-14Beam spacing20 mmMaximum safety range20 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 time8 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 sensor520 mmHeight of sensor520 mmWidth of sensor32 mmNumber of fixed side-mount brackets2Number of adjustable side-mount brackets2Number of intermediate brackets0  
ETIM for 699826 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 receive...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F3SG-4SRB0520-25-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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