

## INDUSTRIAL COMPONENT DATA

# F3SG-4SRB1520-25-K F3G21156M F3SG4SRB152025K OMRON Safety Light Curtain, F3SG-SRB IP69K version, Type 4, 25 ..

Brand: OMRON | Manufacturer Part Number: F3SG-4SRB1520-25-K



|                 |                    |
|-----------------|--------------------|
| Manufacturer    | OMRON              |
| MPN / Reference | F3SG-4SRB1520-25-K |
| Catalog number  | F3SG4SRB152025K    |
| Category        | Light curtain      |
| Minimum order   | 1 Pcs              |
| Document ID     | EO-569209FCF4      |
| Generated       | 2026-08-04         |

## Product Overview

Safety Light Curtain, F3SG-SRB IP69K version, Type 4, 25 mm resolution, range 0.3 to 16.0 m, height 1520 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 protectionHand protectionNumber of beams76Detection capability25 mmSafety field height1520 mmType of safety according to IEC 61496-14Beam spacing20 mmMaximum safety range16 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 adjustmentDegree of protection (IP)IP65/IP67/IP69K CascadableNumber 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 sensor1520 mmHeight of sensor1520 mmWidth of sensor60 mmNumber of fixed side-mount brackets0Number of adjustable side-mount brackets0Number of intermediate brackets0 ETIM for 699029 Sensors (EC002549)

Feature Name

Feature Value

Degree of protection (NEMA) (EF011959)

Other

Degree of protection (IP) (EF005474)

IP69K

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

4

Type of interface for safety communication (EF003956)

Other

Operation agent-s...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F3SG-4SRB1520-25-K 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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