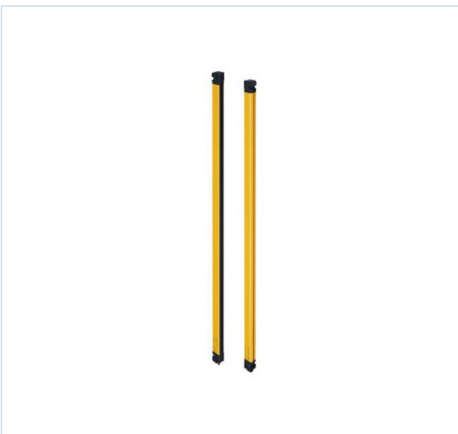


## INDUSTRIAL COMPONENT DATA

# F3SG-4PGA0970-3A F3G20078M F3SG4PGA09703A OMRON

## Safety Multi-Light Beam, F3SG-PG Perimeter Guarding, Type 4,...

Brand: OMRON | Manufacturer Part Number: F3SG-4PGA0970-3A



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | OMRON                       |
| MPN / Reference | F3SG-4PGA0970-3A            |
| Catalog number  | F3SG4PGA09703A              |
| Category        | Multiple beam light curtain |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-E21A9C6D2A               |
| Generated       | 2026-08-02                  |

### Product Overview

Safety Multi-Light Beam, F3SG-PG Perimeter Guarding, Type 4, 3 beams, range 0.5 to 20.0 m, Product length 970 mm, Active/active

## 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 multi-beamType of protectionBody protectionNumber of beams3Safety field height970 mmType of safety according to IEC 61496-14Beam spacing400 mmMaximum safety range20 mMinimum operating distance0.5 mKey featuresActive/active, Area Beam Indicator, Auxiliary output, Designated beam output, External Device Monitoring (EDM), External test, Interlock, Muting, Mutual interference prevention, PNP/NPN selection, Response time adjustmentDegree of protection (IP)IP65/IP67CascadableNumber 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, USBScope of deliveryTransmitter and receiverWavelength of the sensor870 nmConnection methodRoot connector (order separately)Max. output current at protected output300 mAAmbient temperature-30-55 °CNumber of fixed side-mount brackets2Number of adjustable side-mount brackets2Number of intermediate brackets1

ETIM for 695664 Sensors (EC001832)

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 receiver

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

4

Model (EF000010)

Transmitter and receiver separated

Type of interface for safety communication (EF003956)

Other

Type of electric conne...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send OMRON / F3SG-4PGA0970-3A 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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