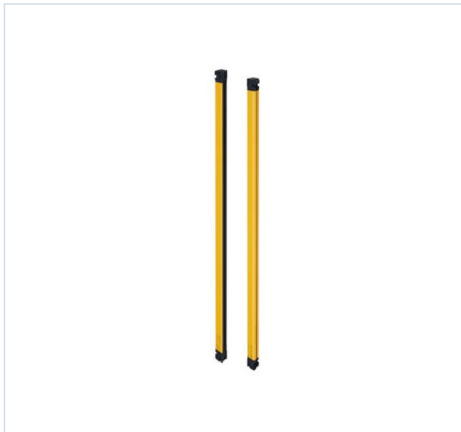


INDUSTRIAL COMPONENT DATA

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	2026-08-04

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 > Security Sensors > 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 or use electricaonline.com/request-quote.

GLOBAL OFFICES

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