

INDUSTRIAL COMPONENT DATA

F3SG-4PGA0970-3L F3G20086M F3SG4PGA09703L OMRON

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

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



Manufacturer	OMRON
MPN / Reference	F3SG-4PGA0970-3L
Catalog number	F3SG4PGA09703L
Category	Multiple beam light curtain
Minimum order	1 Pcs
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Product Overview

Safety Multi-Light Beam, F3SG-PG Perimeter Guarding, Type 4, 3 beams, range 0.5 to 70 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 range70 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, Operating range selection, 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 695719 Sensors (EC001832)

Feature Name

Feature Value

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

4

Model (EF000010)

Transmitter and receiver separated

Type of interface for safety communication (EF003956)

Other

Operation agent-safety class (EF003982)

Safety class 3

Explosion safety category for gas (EF003997)

None

Explosion safety category for dust (EF003998)

None

Voltage type (EF000187)

DC

Type of switching outp...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F3SG-4PGA0970-3L with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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