

INDUSTRIAL COMPONENT DATA

F3SG-4RE0960P14 F3SG6121M F3SG4RE0960P14,1 OMRON

Barrier basic safety, IP67, Type 4, Finger 960mm

Brand: OMRON | Manufacturer Part Number: F3SG-4RE0960P14



Manufacturer	OMRON
MPN / Reference	F3SG-4RE0960P14
Catalog number	F3SG4RE0960P14.1
Category	Light curtain
Minimum order	1 Pcs
Document ID	EO-D9F869B392
Generated	2026-07-31

Product Overview

Barrier basic safety, IP67, Type 4, Finger 960mm

Safety Sensor, F3SG-R Easy, Type 4, 14 mm resolution, range 0.3 to 10.0 m, height 960 mm, PNP

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

Type of safety according to IEC 61496-14Type of protectionFinger protectionDetection capability14 mmSafety field height960 mmBeam gap10 mmNumber of beams95Number of protected semiconductor outputs2Number of semiconductor outputs with signalling function0Maximum safety range10 mMinimum operating distance0.3 mResponse time9 msCascadableWith muting functionWith beam codingType of switching output of the OSSDPNPKey featuresFast response (ON/OFF applications), Simple wiringSuitable for safety functionsScope of deliveryTransmitter and receiverWavelength of the sensor870 nmConnection methodM12 pigtail Smartclick connectorSupply voltage DC19.2-28.8 VVoltage typeDCMax. output current at protected output300 mADegree of protection (IP)IP67Ambient temperature-10-55 °COverall length of sensor990 mmHeight of sensor35 mmWidth of sensor35 mm

ETIM for 673283 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

Scope of delivery of the one-way system (EF004032)

Transmitter and receiver

Degree of protection (NEMA) (EF011959)

Other

Degree of protection (IP) (EF005474)

IP67

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

4

Type of interface for safety communication (EF003956)

Other

Type of electric connection (EF003961)

Connector M12

Operation agent-safety class (EF003982)

Safety class 3

Explosion safety category for gas (EF003997)

None

Cascadable (EF000507)

No

Override p...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F3SG-4RE0960P14 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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