

INDUSTRIAL COMPONENT DATA

F3SG-4RA0430-30 F3SG6054M F3SG4RA043030,1 OMRON

Barrier security advanced, IP67, Type 4, Hand-430mm

Brand: OMRON | Manufacturer Part Number: F3SG-4RA0430-30



Manufacturer	OMRON
MPN / Reference	F3SG-4RA0430-30
Catalog number	F3SG4RA043030.1
Category	Light curtain
Minimum order	1 Pcs
Document ID	EO-181C345455
Generated	2026-07-29

Product Overview

Barrier security advanced, IP67, Type 4, Hand-430mm

Safety Sensor, F3SG-R Advanced, Type 4, 30 mm resolution, range 0.3 to 20.0 m, height 430 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

Type of safety according to IEC 61496-14Type of protectionHand protectionDetection capability30 mmSafety field height430 mmBeam gap20 mmNumber of beams20Number of protected semiconductor outputs2Number of semiconductor outputs with signalling function1Maximum safety range20 mMinimum operating distance0.3 mResponse time8 msCascadableWith muting functionWith beam codingType of switching output of the OSSDPNP/NPNCommunication port(s)USBSuitable 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 sensor448 mmHeight of sensor35 mmWidth of sensor35 mm

ETIM for 673560 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/NPN

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)

Yes

Override possible (EF004061)

Yes

With mut...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F3SG-4RA0430-30 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.