

INDUSTRIAL COMPONENT DATA

F3SG-4RE0910P30 F3SG6145G 673284 OMRON Basic Safety Barrier IP67 Type 4 Hand 910mm

Brand: OMRON | Manufacturer Part Number: F3SG-4RE0910P30



Manufacturer	OMRON
MPN / Reference	F3SG-4RE0910P30
Catalog number	F3SG4RE0910P30.1
Category	Light curtain
Minimum order	1 Pcs
Document ID	EO-E3F6DEB9E0
Generated	2026-07-27

Product Overview

Barrier basic safety, IP67, Type 4, Hand-910mm

Safety Sensor, F3SG-R Easy, Type 4, 30 mm resolution, range 0.3 to 20.0 m, height 910 mm, PNP

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog pathOMRON > Security Sensors > Barriers F3SG-R

Additional Product Information

Type of safety according to IEC 61496-14Type of protectionHand protectionDetection capability30 mmSafety field height910 mmBeam gap20 mmNumber of beams44Number of protected semiconductor outputs2Number of semiconductor outputs with signalling function0Maximum safety range20 mMinimum operating distance0.3 mResponse time7 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 sensor910 mmHeight of sensor35 mmWidth of sensor35 mm

ETIM for 673284 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 pos...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F3SG-4RE0910P30 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.