

INDUSTRIAL COMPONENT DATA

F3SG-2RE2000P14 F3SG6189R F3SG2RE2000P14,1 OMRON

Barrier basic safety, IP67 Type 2 Finger 2000mm

Brand: OMRON | Manufacturer Part Number: F3SG-2RE2000P14



Manufacturer	OMRON
MPN / Reference	F3SG-2RE2000P14
Catalog number	F3SG2RE2000P14.1
Category	Light curtain
Minimum order	1 Pcs
Document ID	EO-9334B08F32
Generated	2026-07-29

Product Overview

Barrier basic safety, IP67 Type 2 Finger 2000mm

Basic Safety Barrier IP67 Type 2 Finger 2000mm

Safety Sensor, F3SG-R Easy, Type 2, 14 mm resolution, range 0.3 to 10.0 m, height 2000 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

ETIM for 673540 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)
2

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 possible (EF004061)
No

With muting function (EF004057)
No

With monitoring function downstream switching devices (EF004052)
No

Suitable for safety functions (EF001597)
Yes

Reduced resolution (EF004095)
No

With beam coding (EF004114)
No

Fade-out possible (EF003955)
No

With restart blockage (EF004054)
No

Max. output current at protected output (EF004035)
300 mA

Number of protected contact energized outputs (EF003952)
0

Number of semiconductor outputs with signalling function (EF003945)
0

Safety field height (EF004103)
2000 mm

Wavelength of the sensor (EF004132)
870 nm

Detection capability for test bodies (EF003991)
14 mm

Resolution of the light curtain (EF006784)
10 mm

Response time (EF004094)
15 ms

Number of protected semiconductor outputs (EF003951)

2

Transmission range of the safety field (EF004098)

10 m

Switching voltage of OS...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F3SG-2RE2000P14 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.