

INDUSTRIAL COMPONENT DATA

F3SG-2RE1840P14 F3SG6187B F3SG2RE1840P14,1 OMRON

Barrier basic safety, IP67 Type 2 Finger 1840mm

Brand: OMRON | Manufacturer Part Number: F3SG-2RE1840P14



Manufacturer	OMRON
MPN / Reference	F3SG-2RE1840P14
Catalog number	F3SG2RE1840P14.1
Category	Light curtain
Minimum order	1 Pcs
Document ID	EO-58D81DDDE4
Generated	2026-08-02

Product Overview

Barrier basic safety, IP67 Type 2 Finger 1840mm

Basic safety barrier IP67 Type 2 Finger 1840mm

Safety Sensor, F3SG-R Easy, Type 2, 14 mm resolution, range 0.3 to 10.0 m, height 1840 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 673536 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)
1840 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)
13 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-2RE1840P14 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.