

INDUSTRIAL COMPONENT DATA

F3SG-4RE0160P14 F3SG6111B 673303 OMRON Basic Safety Barrier IP67 Type 4 Finger 160mm

Brand: OMRON | Manufacturer Part Number: F3SG-4RE0160P14



Manufacturer	OMRON
MPN / Reference	F3SG-4RE0160P14
Catalog number	F3SG4RE0160P14.1
Category	Light curtain
Minimum order	1 Pcs
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Product Overview

Barrier basic safety, IP67, Type 4 Toe 160mm

Safety Sensor, F3SG-R Easy, Type 4, 14 mm resolution, range 0.3 to 10.0 m, height 160 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
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Additional Product Information

Specifications

Type of safety according to IEC 61496-1 4

Type of protection Finger protection

Detection capability 14 mm

Safety field height 160 mm

Beam gap 10 mm

Number of beams 15

Number of protected semiconductor outputs 2

Number of semiconductor outputs with signalling function 0

Maximum safety range 10 m

Minimum operating distance 0.3 m

Response time 5 ms

Cascadable

With muting function

With beam coding

Type of switching output of the OSSD PNP

Key features Fast response (ON/OFF applications), Simple wiring

Suitable for safety functions

Scope of delivery Transmitter and receiver

Wavelength of the sensor 870 nm

Type of electric connection Connector M12

Supply voltage DC 19.2-28.8 V

Voltage type DC

Max. output current at protected output 300 mA

Degree of protection (IP) IP67

Ambient temperature -10-55 °C

Overall length 190 mm

Height of sensor 35 mm

Width sensor 35 mm

ETIM for 673303 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 (EF0039...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F3SG-4RE0160P14 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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