

INDUSTRIAL COMPONENT DATA

F3SG-2RE0430P30 F3SG6194E 673498 OMRON Basic Safety Barrier IP67 Type 2 Hand 430mm

Brand: OMRON | Manufacturer Part Number: F3SG-2RE0430P30



Manufacturer	OMRON
MPN / Reference	F3SG-2RE0430P30
Catalog number	F3SG2RE0430P30.1
Category	Light curtain
Minimum order	1 Pcs
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Product Overview

Barrier basic safety, IP67 Type 2 Hand 430mm

Safety Sensor, F3SG-R Easy, Type 2, 30 mm resolution, range 0.3 to 20.0 m, height 430 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 2

Type of protection Hand protection

Detection capability 30 mm

Safety field height 430 mm

Beam gap 20 mm

Number of beams 20

Number of protected semiconductor outputs 2

Number of semiconductor outputs with signalling function 0

Maximum safety range 20 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 448 mm

Height of sensor 35 mm

Width sensor 35 mm

ETIM for 673498 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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / F3SG-2RE0430P30 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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