



F3SG-2RE0990P30

Safety Sensor, F3SG-R Easy, Type 2, 30 mm resolution, range 0.3 to 20.0 m, height 990 mm, PNP

Specifications

Type of safety according to IEC 61496-1	2
Type of protection	Hand protection
Detection capability	30 mm
Safety field height	990 mm
Beam gap	20 mm
Number of beams	48
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	7 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
Connection method	M12 pigtail Smartclick connector
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 of sensor	1008 mm
Height of sensor	35 mm
Width of sensor	35 mm

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F3SG-R Brochure

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F3SG-R Series Safety Light Curtain Datasheet

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F3SG- R_Safety_Precautions Instruction Sheet

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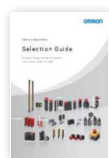
Machine Safety Catalogue

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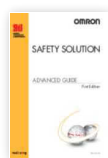
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Safety Solution Basic Guide Guide

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