

Safety Light Curtain F3SG-RA

Advanced Safety Light Curtain in Rugged, IP67 Rated Housing

- Rugged, IP67 rated housing resists washdown
- Space-saving slim profile of 35x35 mm (1.37 in.)
- Scan QR code with smart phone for local language support and troubleshooting guide
- Built-in muting; requires no external muting controller
- All models designed for global use. PNP/NPN output selection by DIP switch
- Resolution: 14 mm (finger protection) and 30 mm (hand and arm protection) models
- Cascaded designs possible: 3 segments, up to 255 beams
- “Smart click” 1/8 turn quick connect M12 cables: for fast installation and proper torque to ensure IP67 connection
- 14mm resolution up to 10.0 m (32 ft.) range in 160 to 2080 mm (6.3 to 81.9 inch) protective heights
- 30mm resolution up to 20.0 m (65 ft.) range in 190 to 2510 mm (7.3 to 98.7 inch) protective heights



Online Multilanguage Support



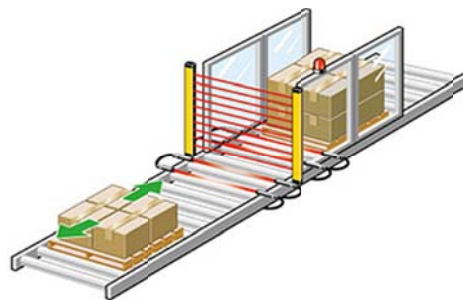
To access troubleshooting support for safety light curtain errors in your local language use your tablet or smartphone to scan a QR code sticker that can be applied to the machine.

Also accessible by computer, operators can check the error details in 8 languages and download manuals from a dedicated website.

The interactive diagnostics ask about error indicator color, indicator flashing frequency and DIP switch settings to thoroughly analyze the cause of an error.

Languages include English, Spanish, French, Chinese, Korean, Japanese, German, and Italian.

Built-in Muting and Blanking



Built-in muting to pass through materials into the hazard zone requires no external muting controller. The blanking function disables specific beams of the safety light curtain. A warning zone can be set to alert people before they enter a danger zone using single or series-connected units when horizontally mounted.

Reduced Wiring Work



“Smart click” 1/8 turn quick-connect M12 cables allow fast installation and proper torque to ensure IP67 connection.

F3SG-RA

Ordering Information

Main Units

Safety Light Curtain

Finger protection

Model	Number of beams	Protective height (mm)
F3SG-4RA0160-14	15	160
F3SG-4RA0240-14	23	240
F3SG-4RA0320-14	31	320
F3SG-4RA0400-14	39	400
F3SG-4RA0480-14	47	480
F3SG-4RA0560-14	55	560
F3SG-4RA0640-14	63	640
F3SG-4RA0720-14	71	720
F3SG-4RA0800-14	79	800
F3SG-4RA0880-14	87	880
F3SG-4RA0960-14	95	960
F3SG-4RA1040-14	103	1,040
F3SG-4RA1120-14	111	1,120
F3SG-4RA1200-14	119	1,200
F3SG-4RA1280-14	127	1,280
F3SG-4RA1360-14	135	1,360
F3SG-4RA1440-14	143	1,440
F3SG-4RA1520-14	151	1,520
F3SG-4RA1600-14	159	1,600
F3SG-4RA1680-14	167	1,680
F3SG-4RA1760-14	175	1,760
F3SG-4RA1840-14	183	1,840
F3SG-4RA1920-14	191	1,920
F3SG-4RA2000-14	199	2,000
F3SG-4RA2080-14	207	2,080

Hand and arm protection

Model	Number of beams	Protective height (mm)
F3SG-4RA0190-30	8	190
F3SG-4RA0270-30	12	270
F3SG-4RA0350-30	16	350
F3SG-4RA0430-30	20	430
F3SG-4RA0510-30	24	510
F3SG-4RA0590-30	28	590
F3SG-4RA0670-30	32	670
F3SG-4RA0750-30	36	750
F3SG-4RA0830-30	40	830
F3SG-4RA0910-30	44	910
F3SG-4RA0990-30	48	990
F3SG-4RA1070-30	52	1,070
F3SG-4RA1150-30	56	1,150
F3SG-4RA1230-30	60	1,230
F3SG-4RA1310-30	64	1,310
F3SG-4RA1390-30	68	1,390
F3SG-4RA1470-30	72	1,470
F3SG-4RA1550-30	76	1,550
F3SG-4RA1630-30	80	1,630
F3SG-4RA1710-30	84	1,710
F3SG-4RA1790-30	88	1,790
F3SG-4RA1870-30	92	1,870
F3SG-4RA1950-30	96	1,950
F3SG-4RA2030-30	100	2,030
F3SG-4RA2110-30	104	2,110
F3SG-4RA2190-30	108	2,190
F3SG-4RA2270-30	112	2,270
F3SG-4RA2350-30	116	2,350
F3SG-4RA2430-30	120	2,430
F3SG-4RA2510-30	124	2,510