

**Safety Multi-Light Beam F3SG-PG**

**F3SG-4PG A** □□□□ - □□ - □ - □  
 (1) (2) (3) (4) (5) (6) (7)

No.	Classification	Code	Meaning	Remarks	
(1)	ESPE	4	Type 4		
(2)	Function	A	Advanced		
(3)	Product length	0670	Product length (mm)		
		0970			
		1070			
		1370			
(4)	Number of beams/ beam gap	2	2 beams/500 mm	Product length: 670 mm	
		3 *	3 beams/400 mm	Product length: 970 mm * Perimeter guarding passive mirror	
		4	4 beams/300 or 400 mm	Product length: 1,070 or 1,370 mm	
(5)	Application	A	Perimeter access guarding		
		L	Perimeter guarding long range		
		C	Perimeter guarding passive mirror		
(6)	Option 1	Blank	Set of emitter and receiver or set of emitter/receiver and passive mirror		
		L	Emitter		
		D	Receiver		
		LD	Emitter/receiver		Perimeter guarding passive mirror only
		M	Passive mirror		Perimeter guarding passive mirror only
(7)	Option 2	Blank			

- Note:** 1. The purpose of this model number legend is to provide understanding of the meaning of specifications from the model number. Models are not available for all combinations of code numbers. See *Ordering Information* on page 40 for details.  
 2. The bracket is not included. Order brackets sold separately.  
 3. Connection cables are not included with the safety multi-light beam. Order cables sold separately.

# F3SG-SR/PG

## Ordering Information

### Main Units

#### Safety Light Curtain F3SG-SR

\* Emitters and receivers will be available separately.

Example 1) Emitter: F3SG-4SRA0160-14-L, receiver: F3SG-4SRA0160-14-D

Example 2) Receiver (flexible height model) only: F3SG-4SRA0200-14-D-F

#### Finger protection (Detection capability: 14-mm dia.)

Number of beams	Protective height (mm)	Advanced	Standard
		Model	Model
15	160	F3SG-4SRA0160-14	F3SG-4SRB0160-14
19	200	F3SG-4SRA0200-14-F	F3SG-4SRB0200-14-F
23	240	F3SG-4SRA0240-14	F3SG-4SRB0240-14
27	280	F3SG-4SRA0280-14-F	F3SG-4SRB0280-14-F
31	320	F3SG-4SRA0320-14	F3SG-4SRB0320-14
35	360	F3SG-4SRA0360-14-F	F3SG-4SRB0360-14-F
39	400	F3SG-4SRA0400-14	F3SG-4SRB0400-14
43	440	F3SG-4SRA0440-14-F	F3SG-4SRB0440-14-F
47	480	F3SG-4SRA0480-14	F3SG-4SRB0480-14
51	520	F3SG-4SRA0520-14-F	F3SG-4SRB0520-14-F
55	560	F3SG-4SRA0560-14	F3SG-4SRB0560-14
59	600	F3SG-4SRA0600-14-F	F3SG-4SRB0600-14-F
63	640	F3SG-4SRA0640-14	F3SG-4SRB0640-14
67	680	F3SG-4SRA0680-14-F	F3SG-4SRB0680-14-F
71	720	F3SG-4SRA0720-14-F	F3SG-4SRB0720-14-F
75	760	F3SG-4SRA0760-14-F	F3SG-4SRB0760-14-F
79	800	F3SG-4SRA0800-14	F3SG-4SRB0800-14
83	840	F3SG-4SRA0840-14-F	F3SG-4SRB0840-14-F
87	880	F3SG-4SRA0880-14-F	F3SG-4SRB0880-14-F
91	920	F3SG-4SRA0920-14-F	F3SG-4SRB0920-14-F
95	960	F3SG-4SRA0960-14-F	F3SG-4SRB0960-14-F
99	1,000	F3SG-4SRA1000-14	F3SG-4SRB1000-14
119	1,200	F3SG-4SRA1200-14	F3SG-4SRB1200-14
139	1,400	F3SG-4SRA1400-14	F3SG-4SRB1400-14
159	1,600	F3SG-4SRA1600-14	F3SG-4SRB1600-14
179	1,800	F3SG-4SRA1800-14	F3SG-4SRB1800-14
199	2,000	F3SG-4SRA2000-14	F3SG-4SRB2000-14

## Hand protection (Detection capability: 25-mm dia.)

Number of beams	Protective height (mm)	Advanced	Standard
		Model	Model
8	160	F3SG-4SRA0160-25	F3SG-4SRB0160-25
10	200	F3SG-4SRA0200-25-F	F3SG-4SRB0200-25-F
12	240	F3SG-4SRA0240-25	F3SG-4SRB0240-25
14	280	F3SG-4SRA0280-25-F	F3SG-4SRB0280-25-F
16	320	F3SG-4SRA0320-25	F3SG-4SRB0320-25
18	360	F3SG-4SRA0360-25-F	F3SG-4SRB0360-25-F
20	400	F3SG-4SRA0400-25	F3SG-4SRB0400-25
22	440	F3SG-4SRA0440-25-F	F3SG-4SRB0440-25-F
24	480	F3SG-4SRA0480-25	F3SG-4SRB0480-25
26	520	F3SG-4SRA0520-25-F	F3SG-4SRB0520-25-F
28	560	F3SG-4SRA0560-25	F3SG-4SRB0560-25
30	600	F3SG-4SRA0600-25-F	F3SG-4SRB0600-25-F
32	640	F3SG-4SRA0640-25	F3SG-4SRB0640-25
34	680	F3SG-4SRA0680-25-F	F3SG-4SRB0680-25-F
36	720	F3SG-4SRA0720-25	F3SG-4SRB0720-25
38	760	F3SG-4SRA0760-25-F	F3SG-4SRB0760-25-F
40	800	F3SG-4SRA0800-25	F3SG-4SRB0800-25
42	840	F3SG-4SRA0840-25-F	F3SG-4SRB0840-25-F
44	880	F3SG-4SRA0880-25	F3SG-4SRB0880-25
46	920	F3SG-4SRA0920-25-F	F3SG-4SRB0920-25-F
48	960	F3SG-4SRA0960-25	F3SG-4SRB0960-25
50	1,000	F3SG-4SRA1000-25-F	F3SG-4SRB1000-25-F
52	1,040	F3SG-4SRA1040-25	F3SG-4SRB1040-25
56	1,120	F3SG-4SRA1120-25	F3SG-4SRB1120-25
60	1,200	F3SG-4SRA1200-25	F3SG-4SRB1200-25
64	1,280	F3SG-4SRA1280-25	F3SG-4SRB1280-25
68	1,360	F3SG-4SRA1360-25	F3SG-4SRB1360-25
72	1,440	F3SG-4SRA1440-25	F3SG-4SRB1440-25
76	1,520	F3SG-4SRA1520-25	F3SG-4SRB1520-25
80	1,600	F3SG-4SRA1600-25	F3SG-4SRB1600-25
84	1,680	F3SG-4SRA1680-25	F3SG-4SRB1680-25
88	1,760	F3SG-4SRA1760-25	F3SG-4SRB1760-25
92	1,840	F3SG-4SRA1840-25	F3SG-4SRB1840-25
96	1,920	F3SG-4SRA1920-25	F3SG-4SRB1920-25
104	2,080	F3SG-4SRA2080-25	F3SG-4SRB2080-25
114	2,280	F3SG-4SRA2280-25	F3SG-4SRB2280-25
124	2,480	F3SG-4SRA2480-25	F3SG-4SRB2480-25

## F3SG-SR/PG

### Arm/Leg protection (Detection capability: 45-mm dia.)

Number of beams	Protective height (mm)	Advanced	Standard
		Model	Model
6	240	F3SG-4SRA0240-45	F3SG-4SRB0240-45
10	400	F3SG-4SRA0400-45	F3SG-4SRB0400-45
14	560	F3SG-4SRA0560-45	F3SG-4SRB0560-45
18	720	F3SG-4SRA0720-45	F3SG-4SRB0720-45
22	880	F3SG-4SRA0880-45	F3SG-4SRB0880-45
30	1,200	F3SG-4SRA1200-45	F3SG-4SRB1200-45
38	1,520	F3SG-4SRA1520-45	F3SG-4SRB1520-45

### Body protection (Detection capability: 85-mm dia.)

Number of beams	Protective height (mm)	Advanced	Standard
		Model	Model
4	280	F3SG-4SRA0280-85	F3SG-4SRB0280-85
6	440	F3SG-4SRA0440-85	F3SG-4SRB0440-85
8	600	F3SG-4SRA0600-85	F3SG-4SRB0600-85
10	760	F3SG-4SRA0760-85	F3SG-4SRB0760-85
12	920	F3SG-4SRA0920-85	F3SG-4SRB0920-85

### Safety Multi-Light Beam F3SG-PG

\* Emitters and receivers will be available separately.

Example 1) Emitter: F3SG-4PGA0670-2A-L, receiver: F3SG-4PGA0670-2A-D

Example 2) Emitter/receiver: F3SG-4PGA0970-3C-LD, passive mirror: F3SG-4PGA0970-3C-M

#### Perimeter access guarding (Beam gap: 300 to 500 mm)

Number of beams	Beam gap (mm)	Product length (mm)	Advanced
			Model
2	500	670	F3SG-4PGA0670-2A
3	400	970	F3SG-4PGA0970-3A
4	300	1,070	F3SG-4PGA1070-4A
4	400	1,370	F3SG-4PGA1370-4A

#### Perimeter guarding long range (Beam gap: 300 to 500 mm)

Number of beams	Beam gap (mm)	Product length (mm)	Advanced
			Model
2	500	670	F3SG-4PGA0670-2L
3	400	970	F3SG-4PGA0970-3L
4	300	1,070	F3SG-4PGA1070-4L
4	400	1,370	F3SG-4PGA1370-4L

#### Perimeter guarding passive mirror (Beam gap: 300 to 500 mm)

Number of beams	Beam gap (mm)	Product length (mm)	Advanced
			Model
2	500	670	F3SG-4PGA0670-2C
4	300	1,070	F3SG-4PGA1070-4C
4	400	1,370	F3SG-4PGA1370-4C