



ifm efector



Light Curtains

These safety light curtains consist of an emitter and receiver pair that create a multi-beam barrier of infrared light in front of, or around, unsafe work areas. If any of the beams are blocked by personnel, the light curtain sends a signal to the machine to place it in a safe state. They meet the highest achievable safety level requirements: Type 4, SIL 3, and PL. Available in both finger (14 mm) and hand (30 mm) resolutions and are simple to wire and install.

52RR12



61UX59

Protected Height	Max. Sensing Distance	Beam Spacing	Input Voltage	Mfr. Model	Item No.
ifm					
2A Inductive @ 24V DC, 6A @ 230V AC, 6A Resistive @ 24V DC Safety Output Ratings					
6.3 in	19.7 ft	0.551 in	24V DC	OY001S	52RR12
	39.4 ft	1.181 in	24V DC	OY041S	52RR22
12.2 in	19.7 ft	0.551 in	24V DC	OY002S	52RR13
	39.4 ft	1.181 in	24V DC	OY042S	52RR23
18.11 in	19.7 ft	0.551 in	24V DC	OY003S	52RR14
	39.4 ft	1.181 in	24V DC	OY043S	52RR24
24.02 in	19.7 ft	0.551 in	24V DC	OY004S	52RR15
	39.4 ft	1.181 in	24V DC	OY044S	52RR25
29.92 in	19.7 ft	0.551 in	24V DC	OY005S	52RR16
	39.4 ft	1.181 in	24V DC	OY045S	52RR26
35.83 in	19.7 ft	0.551 in	24V DC	OY006S	52RR17
	39.4 ft	1.181 in	24V DC	OY046S	52RR27
41.73 in	19.7 ft	0.551 in	24V DC	OY007S	52RR18
	39.4 ft	1.181 in	24V DC	OY047S	52RR28
47.64 in	19.7 ft	0.551 in	24V DC	OY008S	52RR19
	39.4 ft	1.181 in	24V DC	OY048S	52RR29
53.54 in	19.7 ft	0.551 in	24V DC	OY009S	52RR20
	39.4 ft	1.181 in	24V DC	OY049S	52RR30
59.45 in	19.7 ft	0.551 in	24V DC	OY010S	52RR21
	39.4 ft	1.181 in	24V DC	OY050S	52RR31
Omron					
300 mA @ 24V DC Safety Output Ratings					
6.3 in	32.8 ft	0.394 in	24V DC	F3SG4RA016014	55JA64
12.6 in	32.8 ft	0.394 in	24V DC	F3SG4RA032014	55JA65
13.8 in	65.6 ft	0.787 in	24V DC	F3SG4RA035030	55JA66
15.7 in	32.8 ft	0.394 in	24V DC	F3SG4RA040014	55JA67
16.9 in	65.6 ft	0.787 in	24V DC	F3SG4RA043030	55JA68
17.32 in	65.6 ft	0.787 in	24V DC	F3SG-4SRA0440-25-F	61UX59
18.9 in	32.8 ft	0.394 in	24V DC	F3SG4RA048014	55JA69
22 in	32.8 ft	0.394 in	24V DC	F3SG4RA056014	55JA70
23.2 in	65.6 ft	0.787 in	24V DC	F3SG4RA059030	55JA71
23.62 in	65.6 ft	0.787 in	24V DC	F3SG-4SRA0600-25-F	61UX60
25.2 in	32.8 ft	0.394 in	24V DC	F3SG4RA064014	55JA72
26.4 in	65.6 ft	0.787 in	24V DC	F3SG4RA067030	55JA73
28.3 in	32.8 ft	0.394 in	24V DC	F3SG4RA072014	55JA74
29.5 in	65.6 ft	0.787 in	24V DC	F3SG4RA075030	55JA75
29.92 in	65.6 ft	0.787 in	24V DC	F3SG-4SRA0760-25-F	61UX61
32.7 in	65.6 ft	0.787 in	24V DC	F3SG4RA083030	55JA76
35.51 in	65.6 ft	0.787 in	24V DC	F3SG-4SRA0920-25-F	61UX62
35.8 in	65.6 ft	0.787 in	24V DC	F3SG4RA091030	55JA77
39 in	65.6 ft	0.787 in	24V DC	F3SG4RA099030	55JA78
40.9 in	32.8 ft	0.394 in	24V DC	F3SG4RA104014	55JA79
40.94 in	65.6 ft	0.787 in	24V DC	F3SG-4SRA1040-25	61UX63
47.2 in	32.8 ft	0.394 in	24V DC	F3SG4RA120014	55JA80
47.24 in	65.6 ft	0.787 in	24V DC	F3SG-4SRA1200-25	61UX64
48.4 in	65.6 ft	0.787 in	24V DC	F3SG4RA123030	55JA81
54.7 in	65.6 ft	0.787 in	24V DC	F3SG4RA139030	55JA82
56.69 in	65.6 ft	0.787 in	24V DC	F3SG-4SRA1440-25	61UX65
57.9 in	65.6 ft	0.787 in	24V DC	F3SG4RA147030	55JA83
59.84 in	65.6 ft	0.787 in	24V DC	F3SG-4SRA1520-25	61UX66
61 in	65.6 ft	0.787 in	24V DC	F3SG4RA155030	55JA84
73.6 in	65.6 ft	0.787 in	24V DC	F3SG4RA187030	55JA85
Description	H	Brand	Mfr. Model	Item No.	
Light Curtain Accessories					
Rotatable Bracket, Chassis Mount, 3.0mm W	40 mm	ifm	EY3005	52RR33	
Connection Module, 24VDC, 177.8mm W	12.7 mm	Omron	F39JG3AD	55JA60	
Connection Module, 24VDC, 203.2mm W	25.4 mm	Omron	F39JG3AL	55JA61	
Connection Module, 24VDC, 177.8mm W	12.7 mm	Omron	F39JG7AD	55JA62	
Connection Module, 24VDC, 177.8mm W	12.7 mm	Omron	F39JG7AL	55JA63	
Safe Distance Scale, 10" H, 3" W, 3" D	254 mm	Omron	88050-0090	55AA11	



5FZE7



Rotating Mirror Beacons

- 20 flashes per minute
- 100,000-hr. lamp life
- Dome lens design
- Temp. range: 14° to 122°F
- IP23 ABS housing with CR polychloroprene rubber gaskets

Provide long-distance, high visibility for machines and industrial vehicles. LED lamps for long life. Rewired for easy installation; screw mount. UL Listed, CSA and CE Certified.

Power Source	Mfr. Model	RED Item No.	ORANGE Item No.	GREEN Item No.	BLUE Item No.
84 mm Diameter					
12V AC/DC	XVR08J	5FZE7	—	—	—
24V AC/DC	XVR08B	5FZF1	5FZF2	5FZF3	5FZF4
106 mm Diameter					
24V AC/DC	XVR10B	5FZF9	5FZG0	—	5FZG2
120 mm Diameter					
24V AC/DC	XVR12B	30N596	30N598	30N594	30N601
120 mm Diameter, Includes Buzzer					
24V AC/DC	XVR12B S	30N597	30N599	—	30N602
130 mm Diameter					
12V DC	XVR13J	—	30N618	—	—
24V AC/DC	XVR13B	30N611	30N613	—	—
130 mm Diameter, Includes Rewired Cable					
24V AC/DC	XVR13B L	30N612	30N614	—	—
120V AC	XVR13G L	30N615	30N616	—	—
230V AC	XVR13M L	30N619	30N620	—	—
Description	Item No.				
Accessories					
Mounting Tube and Base For 106mm Rotating Mirror Beacons					5FZG3
L-Shape Mounting Bracket For 84mm, 106mm Rotating Mirror Beacons					5FZG4
Warning Light Rubber Base, For Use With Mfr. No. XVR08					30N621
Warning Light Rubber Base, For Use With Mfr. No. XVR10					30N622