

Ordering Information

Main Units (Connecting Cables are not included with the Main Units. The connecting cables must be purchased separately.)

F3SN-A Safety Light Curtains (Type 4)

Infrared

Detection capability	Beam gap	Appearance	Operating range	Number of beams	Protective height	Connector for series-connection	Model *1 *2
14 mm-dia. (for finger protection)	9 mm			21 to 125 (odd numbers only)	189 to 1125 mm (every 18 mm)	No	F3SN-A□□□□P14
						Yes	F3SN-A□□□□P14-01
25 mm-dia. (for hand protection)	15 mm		13 to 120	217 to 1822 mm (every 15 mm)	No	F3SN-A□□□□P25	
					Yes	F3SN-A□□□□P25-01	
40 mm-dia. (for presence protection)	30 mm		7 to 60	217 to 1807 mm	No	F3SN-A□□□□P40	
					Yes	F3SN-A□□□□P40-01	
70 mm-dia. (for presence detection)	60 mm		5 to 30	277 to 1777 mm	No	F3SN-A□□□□P70	
					Yes	F3SN-A□□□□P70-01	

*1. The □□□□ in the model numbers indicates the protective height (in mm). Refer to "Safety Light Curtain Model List" on page 4 for model number details.

*2. Safety Light Curtains with model numbers ending in -02 through -05, provided with different connector configurations, are also available as options. Consult with your dealer or OMRON representative when ordering these models.

F3SN-B Safety Light Curtains (Type 2)

Infrared

Detection capability	Beam gap	Appearance	Operating range	Number of beams	Protective height	Output *1	Connector for series-connection	Model *2 *3
25 mm-dia. (for hand protection)	15 mm			13 to 119 (non-continuous)	217 to 1807 mm	PNP transistor output	No	F3SN-B□□□□P25
							Yes	F3SN-B□□□□P25-01
40 mm-dia. (for presence detection)	30 mm			7 to 60 (non-continuous)	217 to 1807 mm		No	F3SN-B□□□□P40
							Yes	F3SN-B□□□□P40-01
70 mm-dia. (for presence detection)	60 mm			5 to 30	277 to 1777 mm		No	F3SN-B□□□□P70
							Yes	F3SN-B□□□□P70-01

*1. Models with NPN transistor outputs are also available as options. For details on the method for securing safety by using an NPN transistor for output, contact your OMRON representative.

*2. The □□□□ in the model numbers indicates the protective height (in mm). Refer to "Safety Light Curtain Model List" on page 4 for model number details.

*3. Safety Light Curtains with model numbers ending in -02 through -05, provided with different connector configurations, are also available as options. Consult with your dealer or OMRON representative when ordering these models.

F3SH-A Multi-beam Safety Sensors (Type 4)

Infrared

Beam gap	Appearance	Operating range	Number of beams	Outermost beam gap	Connector for series-connection	Model *
300 mm (for whole body protection)			4	900 mm	No	F3SH-A09P03
					Yes	F3SH-A09P03-01

* Safety Light Curtains of model numbers ending in -02 through -05, provided with different connector configurations, are also available as options. Consult with your dealer or OMRON representative when ordering this model.

