
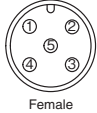




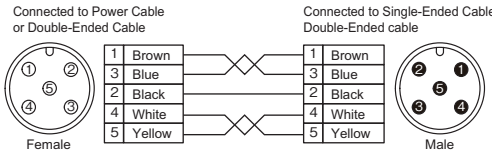
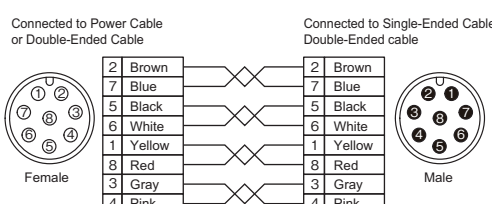
## Accessories (Sold separately)

### Single-ended Connector Cable


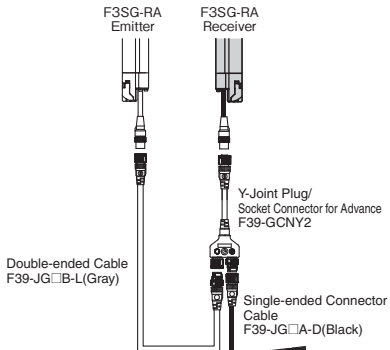
Appearance	Type	Cable length	Specifications	Model																							
	For emitter M12 connector (5-pin), 5 wires Color: Gray	3 m	 <table border="1"> <tr><td>1</td><td>+24 VDC</td><td>Brown</td></tr> <tr><td>2</td><td>TEST</td><td>Black</td></tr> <tr><td>3</td><td>0 VDC</td><td>Blue</td></tr> <tr><td>4</td><td>Not used</td><td>White</td></tr> <tr><td>5</td><td>Not used</td><td>Yellow</td></tr> </table>	1	+24 VDC	Brown	2	TEST	Black	3	0 VDC	Blue	4	Not used	White	5	Not used	Yellow	F39-JG3A-L								
		1		+24 VDC	Brown																						
		2		TEST	Black																						
		3		0 VDC	Blue																						
		4		Not used	White																						
	5	Not used	Yellow																								
	7 m	F39-JG7A-L																									
	10 m	F39-JG10A-L																									
	15 m	F39-JG15A-L																									
	20 m	F39-JG20A-L																									
For receiver M12 connector (8-pin), 8 wires Color: Black	3 m	 <table border="1"> <tr><td>1</td><td>RESET</td><td>Yellow</td></tr> <tr><td>2</td><td>+24 VDC</td><td>Brown</td></tr> <tr><td>3</td><td>MUTE A</td><td>Gray</td></tr> <tr><td>4</td><td>MUTE B</td><td>Pink</td></tr> <tr><td>5</td><td>OSSD 1</td><td>Black</td></tr> <tr><td>6</td><td>OSSD 2</td><td>White</td></tr> <tr><td>7</td><td>0 VDC</td><td>Blue</td></tr> <tr><td>8</td><td>AUX</td><td>Red</td></tr> </table>	1	RESET	Yellow	2	+24 VDC	Brown	3	MUTE A	Gray	4	MUTE B	Pink	5	OSSD 1	Black	6	OSSD 2	White	7	0 VDC	Blue	8	AUX	Red	F39-JG3A-D
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### Double-ended Cable


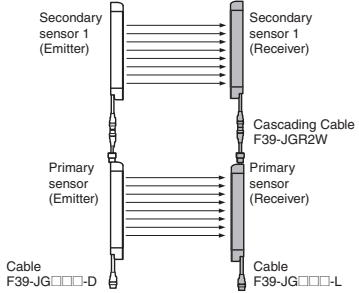
#### For cable extension and simple wiring

Appearance	Type	Cable length	Specifications	Model
	For emitter M12 connector (5-pin) on both ends Color: Gray	0.5 m		F39-JGR5B-L
		1 m		F39-JG1B-L
		3 m		F39-JG3B-L
		5 m		F39-JG5B-L
		7 m		F39-JG7B-L
		10 m		F39-JG10B-L
		15 m		F39-JG15B-L
	20 m	F39-JG20B-L		
	For receiver M12 connector (8-pin) on both ends Color: Black	0.5 m		F39-JGR5B-D
		1 m		F39-JG1B-D
3 m		F39-JG3B-D		
5 m		F39-JG5B-D		
7 m		F39-JG7B-D		
10 m	F39-JG10B-D			
15 m	F39-JG15B-D			
20 m	F39-JG20B-D			

### Y-Joint Plug/Socket Connector for Advance type F3SG-RA





Appearance	Type	Cable length	Specifications	Model
	M12 connectors. Used for reduced wiring.	0.5 m		F39-GCNY2

### Cascading Cable (Two cables per set, for emitter and receiver)

Appearance	Type	Cable length	Specifications	Model
	Emitter cable: Cap (5-pin), M12 connector (5-pin) Receiver cable: Cap (8-pin), M12 connector (8-pin)	0.2 m		F39-JGR2W

# F3SG-RA

## Sensor Mounting Brackets

Appearance	Specification	Application	Model
	Standard Fixed Bracket	Bracket to mount the F3SG-R. Side mounting and backside mounting possible. (Included in the F3SG-R product package. See *1 below for the number of included brackets.)	<b>F39-LGF</b>
	Standard Adjustable Bracket	Bracket to mount the F3SG-R. Beam alignment after mounting possible. The angle adjustment range is $\pm 15^\circ$ . Side mounting and backside mounting possible. (Sold separately. See *1 below for the number of required brackets.)	<b>F39-LGA</b>
	Top/Bottom Adjustable Bracket *2	Bracket to mount the F3SG-R. Use this bracket at the top and bottom positions of the F3SG-R. Beam alignment after mounting possible. The angle adjustment range is $\pm 22.5^\circ$ . Side mounting and backside mounting possible. (Sold separately. 4 brackets per set.)	<b>F39-LGTB</b>
	Top/Bottom Adjustable Bracket *2 (For user-made mounting part)	Top/Bottom Adjustable Bracket without a bracket to mount to the wall. Use the user's own wall mounting part to suit the machine. (Sold separately. 4 brackets per set.)	<b>F39-LGTB-1</b>

\*1 Two brackets per set

[for F3SG-□RA□□□□-14]

- Protective height of 0160 to 1200: 2 sets, Protective height of 1280 to 2080: 3 sets




[for F3SG-□RA□□□□-30]

- Protective height of 0190 to 1230: 2 sets, Protective height of 1310 to 2270: 3 sets, Protective height of 2350 to 2510: 4 sets


\*2 Top/Bottom Adjustable Bracket cannot be used with the Standard Fixed Bracket. Use with the Standard Adjustable Bracket.

(See \*1 for the number of required brackets.)


## Interface units and configuration tool SD Manager 2

Appearance	Type	Specifications	Model
	SD Manager2	The Configuration Tool SD Manager 2 is available to download from our website at <a href="http://www.omron247.com/safety_light_curtain/f3sg_ra/Software_tools/SD_Manager_2_Configurator">http://www.omron247.com/safety_light_curtain/f3sg_ra/Software_tools/SD_Manager_2_Configurator</a> . To change the settings of the F3SG-RA using SD Manager 2, it is necessary to set the receiver's two DIP switches No. 8 to ON.	-
	Interface Unit	F39-GIF interface unit to connect the F3SG-RA receiver to a USB port of the PC	<b>F39-GIF</b>
	Bluetooth unit	F39-BT bluetooth unit to enable bluetooth on the F3SG-RA	<b>F39-BT</b>

## Lamp

Appearance	Type	Specifications	Model
	Lamp unit	The lamp unit can be connected to a receiver and turned ON based on the operation of F3SG-RA.	<b>F39-LP</b>
	Bluetooth + Lamp unit	The lamp can indicate red, orange, and green colors, to which three different states can be assigned.	<b>F39-BTLP</b>

## End Cap

Appearance	Specifications	Model
	Housing color: Black For both emitter and receiver (Attached to the F3SG-R. The End Cap can be purchased if lost.)	<b>F39-CNM</b>