

Accessories (Sold separately)

Single-Ended Cable (Oil-Resistant Extension Cable)

Appearance	Type	Cable length	Specifications	Model																								
	For emitter M12 connector (8-pin), 5 wires Color: Gray	3 m	For emitter, M12 connector (8-pin), Color: Gray Connected to Power Cable or Double-Ended Cable  Female <table><tr><td>1</td><td>—</td><td>Not used</td></tr><tr><td>2</td><td>Brown</td><td>+24 VDC</td></tr><tr><td>3</td><td>Black</td><td>TEST</td></tr><tr><td>4</td><td>—</td><td>Not used</td></tr><tr><td>5</td><td>Gray</td><td>Not used</td></tr><tr><td>6</td><td>Pink</td><td>Not used</td></tr><tr><td>7</td><td>Blue</td><td>0 VDC</td></tr><tr><td>8</td><td>—</td><td>Not used</td></tr></table>	1	—	Not used	2	Brown	+24 VDC	3	Black	TEST	4	—	Not used	5	Gray	Not used	6	Pink	Not used	7	Blue	0 VDC	8	—	Not used	F39-JD3RA-L
		1	—	Not used																								
	2	Brown	+24 VDC																									
	3	Black	TEST																									
4	—	Not used																										
5	Gray	Not used																										
6	Pink	Not used																										
7	Blue	0 VDC																										
8	—	Not used																										
7 m	For receiver, M12 connector (8-pin), Color: Black Connected to Power Cable or Double-Ended Cable  Female <table><tr><td>1</td><td>White</td><td>OSSD 2</td></tr><tr><td>2</td><td>Brown</td><td>+24 VDC</td></tr><tr><td>3</td><td>Black</td><td>OSSD 1</td></tr><tr><td>4</td><td>Yellow</td><td>AUX</td></tr><tr><td>5</td><td>Gray</td><td>PC COM (+) /MUTE A</td></tr><tr><td>6</td><td>Pink</td><td>PC COM (-) /MUTE B</td></tr><tr><td>7</td><td>Blue</td><td>0 VDC</td></tr><tr><td>8</td><td>Red</td><td>RESET/EDM</td></tr></table>	1	White	OSSD 2	2	Brown	+24 VDC	3	Black	OSSD 1	4	Yellow	AUX	5	Gray	PC COM (+) /MUTE A	6	Pink	PC COM (-) /MUTE B	7	Blue	0 VDC	8	Red	RESET/EDM	F39-JD7RA-L		
1	White	OSSD 2																										
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For receiver M12 connector (8-pin), 8 wires Color: Black	3 m	IP67 and IP67G (JIS C 0920 Annex 1)* rated when mated. * F3SG-RR meets the degree of protection when this cable is correctly connected with the power cable of the F3SG-RR. The degree of protection is not satisfied with the part where cable wires are uncovered.	F39-JD3RA-D																									
	7 m		F39-JD7RA-D																									

Note: To extend the cable length to more than 20 m, add the F39-JD□B Double-Ended Cable.

Single-Ended Cable (2 cables per set, one for emitter and one for receiver) *

Appearance	Cable length	Specifications	Model																								
	3 m	For emitter M12 connector (8-pin), Color: Gray Connected to Power Cable or Double-Ended Cable  Female <table><tr><td>1</td><td>White</td><td>Not used</td></tr><tr><td>2</td><td>Brown</td><td>+24 VDC</td></tr><tr><td>3</td><td>Black</td><td>TEST</td></tr><tr><td>4</td><td>Yellow</td><td>Not used</td></tr><tr><td>5</td><td>Gray</td><td>Not used</td></tr><tr><td>6</td><td>Pink</td><td>Not used</td></tr><tr><td>7</td><td>Blue</td><td>0 VDC</td></tr><tr><td>8</td><td>Red</td><td>Not used</td></tr></table>	1	White	Not used	2	Brown	+24 VDC	3	Black	TEST	4	Yellow	Not used	5	Gray	Not used	6	Pink	Not used	7	Blue	0 VDC	8	Red	Not used	F39-JD3A
	1		White	Not used																							
	2		Brown	+24 VDC																							
	3		Black	TEST																							
	4		Yellow	Not used																							
5	Gray	Not used																									
6	Pink	Not used																									
7	Blue	0 VDC																									
8	Red	Not used																									
7 m	F39-JD7A																										
10 m	F39-JD10A																										
15 m	F39-JD15A																										
20 m	F39-JD20A																										

For receiver M12 connector (8-pin), Color: Black																									
Connected to Power Cable or Double-Ended Cable																									
 Female	<table><tr><td>1</td><td>White</td><td>OSSD 2</td></tr><tr><td>2</td><td>Brown</td><td>+24 VDC</td></tr><tr><td>3</td><td>Black</td><td>OSSD 1</td></tr><tr><td>4</td><td>Yellow</td><td>AUX</td></tr><tr><td>5</td><td>Gray</td><td>PC COM (+) /MUTE A</td></tr><tr><td>6</td><td>Pink</td><td>PC COM (-) /MUTE B</td></tr><tr><td>7</td><td>Blue</td><td>0 VDC</td></tr><tr><td>8</td><td>Red</td><td>RESET/EDM</td></tr></table>	1	White	OSSD 2	2	Brown	+24 VDC	3	Black	OSSD 1	4	Yellow	AUX	5	Gray	PC COM (+) /MUTE A	6	Pink	PC COM (-) /MUTE B	7	Blue	0 VDC	8	Red	RESET/EDM
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IP67* rated when mated.

* When the accessory is used, protect it from cutting oil.

* The cable for emitter and the cable for receiver are available separately. Add '-L' for emitter or '-D' for receiver to the end of the model number when you order.

Single-Ended Cable for Emitter: F39-JD□A-L, Single-Ended Cable for Receiver: F39-JD□A-D

Note: To extend the cable length to more than 20 m, add the F39-JD□B Double-Ended Cable.

Double-Ended Cable (2 cables per set, one for emitter and one for receiver) *

Appearance	Cable length	Specifications	Model
	0.5 m	For emitter M12 connector (8-pin), Color: Gray Connected to Power Cable or Double-Ended Cable Connected to Single-Ended Cable, or Double-Ended Cable	F39-JDR5B
	1 m		F39-JD1B
	3 m		F39-JD3B
	5 m		F39-JD5B
	7 m		F39-JD7B
	10 m		F39-JD10B
	15 m		F39-JD15B
	20 m	For receiver, M12 connector(8-pin) Color: Black Connected to Power Cable or Double-Ended Cable Connected to Single-Ended Cable, or Double-Ended Cable IP67* rated when mated. * When the accessory is used, protect it from cutting oil.	F39-JD20B

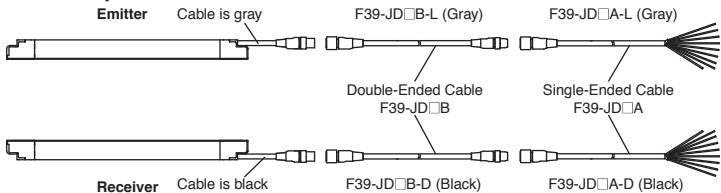
* The cable for emitter and the cable for receiver are available separately. Add '-L' for emitter or '-D' for receiver to the end of the model number when you order.

Double-Ended Cable for Emitter: F39-JD□B-L, Double-Ended Cable for Receiver: F39-JD□B-D

Note: To extend the cable length to more than 20 m, use the F39-JD□B Double-Ended Cables in combination.

Example: When using a cable of 30 m, connect the F39-JD10B Double-Ended Cable with the F39-JD20B Double-Ended Cable.

<Connection example>



Reduced Wiring Connector System (Order the F39-CN5 and Cables for Reduce Wiring.)
Reduced Wiring Connector

Appearance	Specifications	Model
	IP67* rated when mated. * When the accessory is used, protect it from cutting oil.	F39-CN5

Note: When using the Reduced Wiring Connector (F39-CN5), the following functions are not available.

- Manual Reset
- External Device Monitoring
- Auxiliary Output

Make sure to keep the settings in the factory default.

