

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 border="1" data-bbox="815 342 1021 493"><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), 8 wires Color: Black	3 m	For receiver, M12 connector (8-pin), Color: Black Connected to Power Cable or Double-Ended Cable  Female <table border="1" data-bbox="815 571 1097 720"><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-JD3RA-D
1	White	OSSD 2																										
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		7 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-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

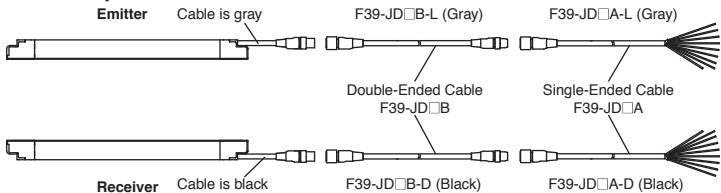
* The cable for emitter and the cable for receiver are available separately. Add '-L' for emitter or '-D' for receiver to the end of the model number when you order.

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.

