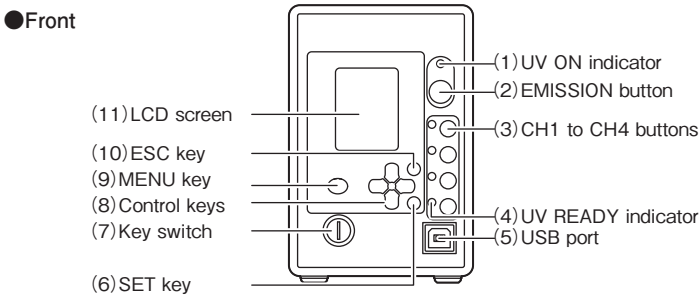


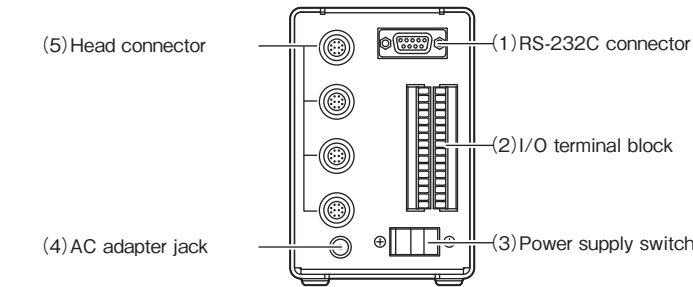
Parts Names and Functions

Front



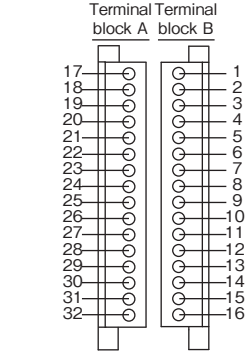
Name	Function	
	LOCK Mode	READY Mode
(1) UV ON indicator	Goes out.	Lights during UV irradiation.
(2) EMISSION button	—	Pressing this button starts/stops UV light irradiation from the irradiation standby head.
(3) CH1 to CH4 buttons	—	The head corresponding to the pressed button starts/stops UV light irradiation.
(4) UV READY indicator	Goes out.	Lights in the irradiation standby mode when the key switch is turned to the "READY" position. Note that the indicator goes out during UV irradiation. The channel corresponding to the connected head lights.
(5) USB port	Connect the USB cable to the USB port to connect to a personal computer.	
(6) SET key	Selects and applies items when they art being set.	—
(7) Key switch	Operating this key switches between the LOCK and READY modes. LOCK mode : irradiation conditions can be set in this mode. irradiation is disabled. READY mode: irradiation is enabled in this mode.	
(8) Control keys	Move the cursor and change numeric values.	The ← → L/R keys change the display screen during operation. The ↑ ↓ UP/DOWN keys change the display channel.
(9) MENU key	Saves settings.	—
(10) ESC key	Cancels the setting, and returns to the one previous menu.	—
(11) LCD screen	Displays a display screen or setting menu during operation.	

Rear



Name	Function
(1) RS-232C connector	Connects to the personal computer or programmable controller via the serial cable to control input from external devices.
(2) I/O terminal block	Connects external devices such as the foot switch.
(3) Power supply switch	Switches the main power supply ON/OFF. The ON/OFF direction differs between the AC power supply and the DC power supply. Check the ON/OFF direction printed on the main unit.
(4) AC adapter jack	Connects to the AC power supply.
(5) Head connector	Connects to the head.

Input/output Terminal Arrangement



Pay attention to the following points regarding the electric wire used for the terminal block:

The size of the recommended cross section is as follows:
Numbers 16, 31, and 32: 1.00 to 1.50 mm²
Other than the above: 0.10 to 1.50 mm²

The stripped cable length is approximately 7 mm.
Wire length: 30 m and less

Terminal block A

No	Indication	I/O	Signal Name
17	RDY1	Output	Ready output CH1
18	RDY2	Output	Ready output CH2
19	RDY3	Output	Ready output CH3
20	RDY4	Output	Ready output CH4
21	TRGOUT1	Output	Unused
22	TRGOUT2	Output	Unused
23	TRGOUT3	Output	Unused
24	TRGOUT4	Output	Unused
25	UVON	Output	Output during UV irradiation
26	ERROR	Output	Error output
27	COMOUT	—	Output COM
28	NC	—	No connection
29	NC	—	No connection
30	NC	—	No connection
31	+24V	—	+24V power supply input
32	GND	—	24V input GND

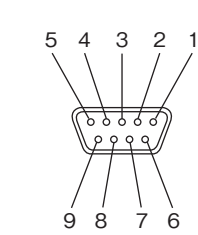
Terminal block B

No	Indication	I/O	Signal Name
1	AIN1	Input	0 to 5V analog input 1
2	AIN2	Input	Unused
3	AIN3	Input	Unused
4	AIN4	Input	Unused
5	AG	—	Analog input GND
6	TRG1	Input	UV irradiation start/end input CH1
7	TRG2	Input	UV irradiation start/end input CH2
8	TRG3	Input	UV irradiation start/end input CH3
9	TRG4	Input	UV irradiation start/end input CH4
10	BANK0	Input	Bank switching input 0
11	BANK1	Input	Bank switching input 1
12	BANK2	Input	Bank switching input 2
13	BANK3	Input	Bank switching input 3
14	EMGCY	Input	Input of emergency stop
15	COMIN	—	OV(input COM)
16	FG	—	Frame GND

RS-232C pin assignments

The D-SUB9 female pin is used for the RS-232C connector.
Prepare a compatible connector.

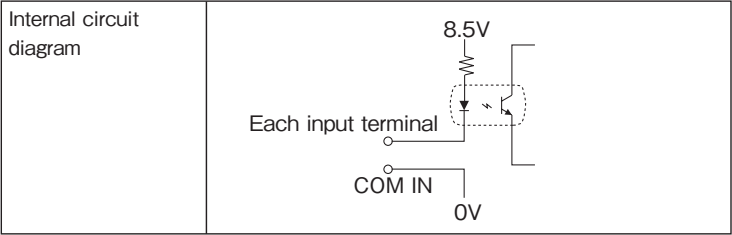
Recommended part : XM3A-0921 (plug)
XM2S-0911 (hood)



Pin No.	Signal Name	Description
1	FG(GND)	Protective ground
2	SD(TXD)	Send data
3	RD(RXD)	Receive data
4	NC	Not connected
5	NC	Not connected
6	NC	Not connected
7	NC	Not connected
8	NC	Not connected
9	SG(GND)	Signal ground

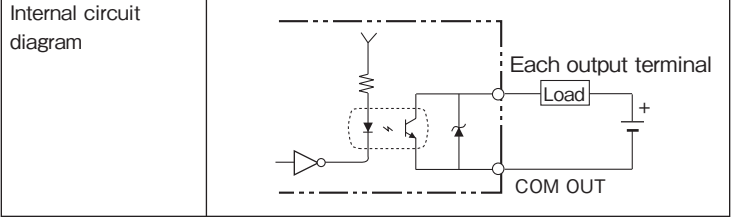
Internal Specification

<Input Specification>



<Output Specification>

Output voltage	12 to 24 VDC +/-10%
Load voltage	45 mA max.
ON residual voltage	2 V max.
OFF leakage current	0.1 mA max.



Suitability for Use

Omron Companies shall not be responsible for conformity with any standards, codes or regulations which apply to the combination of the Product in the Buyer's application or use of the Product. At Buyer's request, Omron will provide applicable third party certification documents identifying ratings and limitations of use which apply to the Product. This information by itself is not sufficient for a complete determination of the suitability of the Product in combination with the end product, machine, system, or other application or use. Buyer shall be solely responsible for determining appropriateness of the particular Product with respect to Buyer's application, product or system. Buyer shall take application responsibility in all cases.

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