

SP5000X Series - BOX Module



SP-5B90

Model: PFXSP5B90

SP5000X Series is a combined unit of Display Module and Box Module.

Model Number Configuration

Display Module		(1) Size	(2) Wireless LAN	(3) Resolution	(4) Touch Panel	(5) Power Supply				
PFXSP5	*	15"	90	eXtreme	W	Wide TFT	A	Analog	D	DC
	*	12"								
	*	7"								
	(1)	(2)	(3)	(4)	(5)					

×

Box Module		(6) Module Type	(7) Class
PFXSP5	B	Box	90
	*		eXtreme
	(6)	(7)	

Memory

		Media	SP-5B90
Application memory	Editor : GP-Pro EX	Screen area*1	64 MB
		User font area	8 MB
		Logic program area	132KB (Equivalent to 15,000 steps)
		Free space	—
		Removable system	Yes
Backup memory	Editor : GP-Pro EX	Screen area	NVRAM 320 KB or CFast/SD card (storage) 5 MB
		Variable area	NVRAM 64 KB
	Battery		— *2

*1 Use the screen area when the user font area's capacity is exceeded – for example, when an image font or a picture font is used –.

*2 SP5000X series can retain NVRAM (backup memory) and RTC (clock data) without any batteries. But, when no power is supplied for 100 days or more, it's necessary to additionally mount this option item to retain RTC (clock data).

Interface Specification

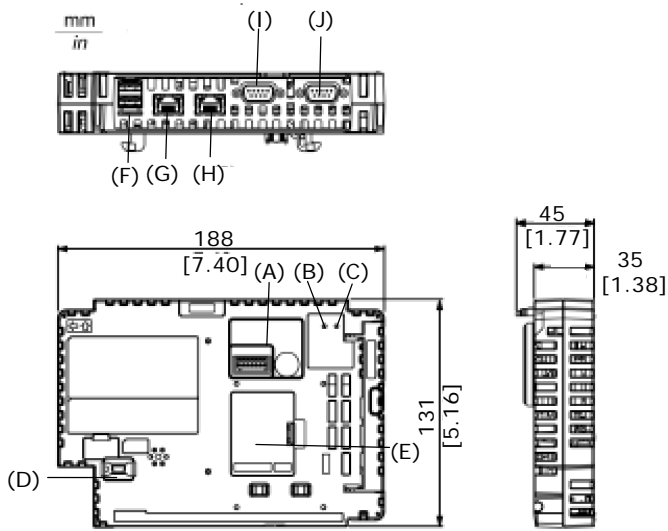
SP-5B90	
Serial (COM1)	Asynchronous Transmission: RS-232C / 422 / 485, Data Length: 7 or 8 bits, Stop Bit: 1 or 2 bits, Parity: None, Even or Odd, Data Transmission Speed: 2,400 (1,200) to 115,200 bps, Connector: D-Sub 9 pin (plug)
Serial (COM2)	Asynchronous Transmission: RS-232C / 422 / 485, Data Length: 7 or 8 bits, Stop Bit: 1 or 2 bits, Parity: None, Even or Odd, Data Transmission Speed: 2,400 (1,200) to 115,200 bps, Connector: D-Sub 9 pin (plug)
USB (Type A)	Conforms to USB 2.0 (Type A) x 3 Power supply voltage: 5 Vdc ±5 % Output Current: 500 mA/port 1 A total for 3 ports Communication distance: 5 m [16.4 ft.]*3
USB (mini-B)	Conforms to USB 2.0 (mini-B) x 1, Communication Distance: 5 m [16.4 ft] or less
Ethernet	IEEE802.3i / IEEE802.3u / IEEE802.3ab, 10BASE-T / 100BASE-TX / 1000BASE-T, Connector: Modular jack (RJ-45) x 2
SD card	SD Card Slot (System) x 1, SD Card Slot (Storage) x 1
Expansion unit	Fieldbus Unit x 1
Sound output	Speaker Output: 300mW (Rated Load: 8Ω, Frequency: 1kHz) (Software Switch), LINE Output: Rated load: 10kΩ or more (Software Switch), Connector: 2-piece terminal block (AUX) x 1
AUX output	Alarm Output or Buzzer Output x 1 Rated Voltage: 24 Vdc, Rated Current: 50 mA or less Connector: 2-piece terminal block (AUX) x 1

Box Module environmental specifications follow those of the connected Display Module. When using any of the options for this product, check the specifications for special conditions or cautions that may apply to this product.

SP5000X Series - BOX Module

External Dimensions / Panel Cut Dimensions

SP-5B90



- A : Auxiliary output/ Speaker output interface (AUX)
This interface is alarm output or buzzer output, and sound output.
- B : Status LED
- C : Card access LED
- D : USB(mini-B) interface
- E : Expansion unit interface cover (EXIT)
- F : USB(Type A)interface
- G : Ethernet interface(Ethernet1)
- H : Ethernet interface(Ethernet2)
- I : Serial interface(COM1)
- J : Serial interface(COM2)