

## X305D

8-channel A/D (0~20mA), 2-channel D/I and 2-channel D/O

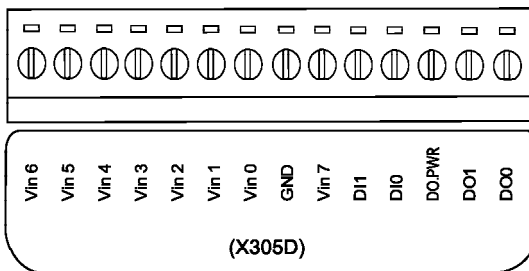
### Introduction

The X-board series are for I-7188XA, I-7188XB, I-7188XC, I-7188XG, I-7188EG, I-7188EX and uPAC-7186EX Series (uPAC-7186EX, uPAC-7186PEX, uPAC-7186EG, uPAC-7186EX-FD, uPAC-7186EX-SM).

Above one  $\mu$ PAC can plug only one X-board.

X305D is a 8-channel Non-Isolation Analog Input and 2-channel Digital Input and 2-channel Digital Output X-board for I-7188XB, I-7188XG, I-7188EX, I-7188EG and uPAC-7186EX Series.

### Pin Assignments



### Ordering Information

<b>X305D CR</b>	8-channel A/D (0~20mA), 2-channel D/I and 2-channel D/O (RoHS)
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### Features

- 8-channel Non-Isolation Analog Input and 2-channel Digital Input and 2-channel Digital Output
- 12-bit Single-Ended input (0 ~ 20 mA)



### Specifications

Analog Input		
Channels	8	
Type	Current	
Range	0 ~ 20 mA	
Resolution	12-bit	
Sampling Rate	4 KHz Max.	
Input Impedance	125 Ohm	
Overvoltage Protection	$\pm 30$ VDC	
Isolation	None	
Digital Input		
Channels	2	
Dry Contact	ON Voltage Level	Close to GND
	OFF Voltage Level	Open
Isolation	None	
Overvoltage Protection	30 VDC	
Digital Output		
Channels	2	
Type	Open Collector (NPN)	
Sink/Source (NPN/PNP)	Sink	
Load Voltage	$\leq +30$ VDC	
Max. Load Current	100 mA	
Overvoltage Protection	1.4 A	
Isolation	None	
Power		
Consumption	1 mW	
Mechanical		
Dimensions (mm)	38 mm x 64 mm	
Environmental		
Operating Temperature	-25 ~ +75 °C	
Storage Temperature	-40 ~ +80 °C	
Humidity	5 ~ 90 %, Non-condensing	