

XW304/XW310/XW310C



Hardware



FAQ



Certification

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Model: XW304

Model: XW310

Model: XW310C

Specifications

Models	XW304	XW310	XW310C
Analog Input			
Channel	6	4	4/8
Wiring	Single-Ended	Differential	Differential/Single-Ended
Range	+/- 5 V, 0 ~ +5 V	+/- 10 V	0 ~ 20 mA
Resolution	12-bit		
Sampling Rate	4 KHz		
Input Impedance	1 M Ohm		125 ohm
Over voltage Protection	+/- 30 VDC		
Isolation	non-isolated		
Analog Output			
Channel	1	2	
Range	+/- 5 V	+/- 10 V	0 ~ 20 mA
Resolution	12-bit		
Output Capacity	20 mA		
Isolation	non-isolated		

Digital Input			
Input Channels	4	3	
Contact	Dry		
Dry Contact	On Voltage Level	Close to GND	
	Off Voltage Level	Open	
Overvoltage Protection	30 VDC		
Digital Output			
Channel	4	3	
Type	Open Collector		
Sink/Source (NPN/PNP)	Sink		
Load Voltage	+10 VDC ~ 40 VDC		
Max. Load Current	200 mA/channel at 25 °C		
Overload Protection	1.4 A		
Power Requirements			
Consumption	0.3 W	0.9 W	0.4 W
Environment			
Operating Temperature	-25 °C ~ +75 °C		
Storage Temperature	-30 °C ~ +75 °C		
Humidity	10 ~ 95% RH, Non-condensing		

Ordering Information

XW304 CR	6-channel A/D (+/- 5 V or 0 ~ 5 V), 1-channel D/A (+/- 5 V), 4-channel D/O, 4-channel D/I (RoHS)
XW310 CR	4-channel A/D (+/- 10 V), 2-channel D/A (+/- 10 V), 3-channel D/O, 3-channel D/I (RoHS)
XW310C CR	4-channel Differential/8-channel Single-Ended A/D (0 ~ 20 mA), 2-channel D/A (0 ~ 20 mA), 3-channel D/O, 3-channel D/I (RoHS)