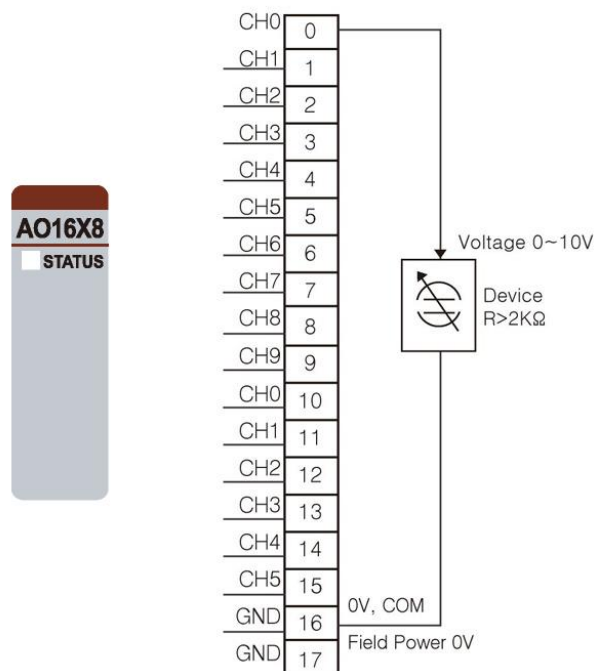


URA-0016Z-8 (AO16Z8) - 16 Analog Voltage Outputs 16bit

Items	Specification
Outputs per module	16 Channels single ended
Indicators(Logic side)	1 Green Uni-I/O status LED
Resolution in Ranges	16 bit (Include Sign) 15 bits : 0.31mV/Bit
Output Range	0 ~ 10Vdc
Data Format	16bits Integer (2' compliment)
Module Error	±0.1% Full Scale @ 25°C (77°F) ambient ±0.3% Full Scale @ -40°C, 60°C (-40°F to 140°F)
Load Resistance	Min. 2KΩ
Conversion Time	Max. 450usec (All channel)
Diagnostic	Field Power Off : LED Blinking
Calibration	Not Required
Common Type	2 Common, Field Power 0V is Common(AGND)
Power dissipation	Max. 30mA @ 5.0Vdc
Isolation	I/O to Logic : Isolation Field power : Non-Isolation
Field Power	Supply Voltage : 24VDC nominal Voltage Range : 18 to 32VDC Power Dissipation : Max. 150mA @ 24VDC, Load(2K)
Wiring	I/O Cable Max. 2.0mm ² (AWG 14)
Weight	63g
Module Size	12mm x 109mm x 70mm
Operating temperature	-40°C, 60°C (-40°F to 140°F)

3. Wiring Diagram



Pin No.	Signal Description
0	Output 0
1	Output 1
2	Output 2
3	Output 3
4	Output 4
5	Output 5
6	Output 6
7	Output 7
8	Output 8
9	Output 9
10	Output 10
11	Output 11
12	Output 12
13	Output 13
14	Output 14
15	Output 15
16	Output 16
17	Output Common(AGND)

4. LED Indicators

LED No.	LED Function / Description	LED Color
0	Output 0	Green
1	Output 1	Green
2	Output 2	Green
3	Output 3	Green
4	Output 4	Green
5	Output 5	Green
6	Output 6	Green
7	Output 7	Green
8	Output 8	Green
9	Output 9	Green
10	Output 10	Green
11	Output 11	Green
12	Output 12	Green
13	Output 13	Green
14	Output 14	Green
15	Output 15	Green

Status	LED	Indication
Uni-I/O Status	Off Green	Disconnection Connection
Field Power Error	Status Channel Repeat the Green and Off	Field power is Unconnected.