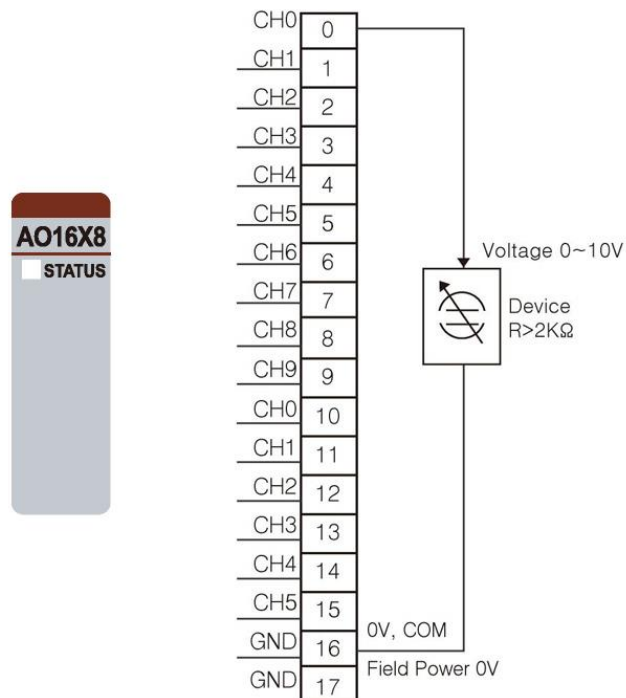


## URA-0016X-8 (AO16X8) - 16 Analog Voltage Outputs\_12bit

Items	Specification
Outputs per module	16 Channels single ended
Indicators(Logic side )	1 Green Uni-I/O status LED
Resolution in Ranges	12 bits : 2.44mV/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 <sup>2</sup> (AWG 14)
Weight	63g
Module Size	12mm x 109mm x 70mm
Operating temperature	-40°C to 60°C (-40°F to 140°F)

### 1. 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)

## 2. LED Indicators

LED No.	LED Function / Description	LED Color
0	Output 0	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.