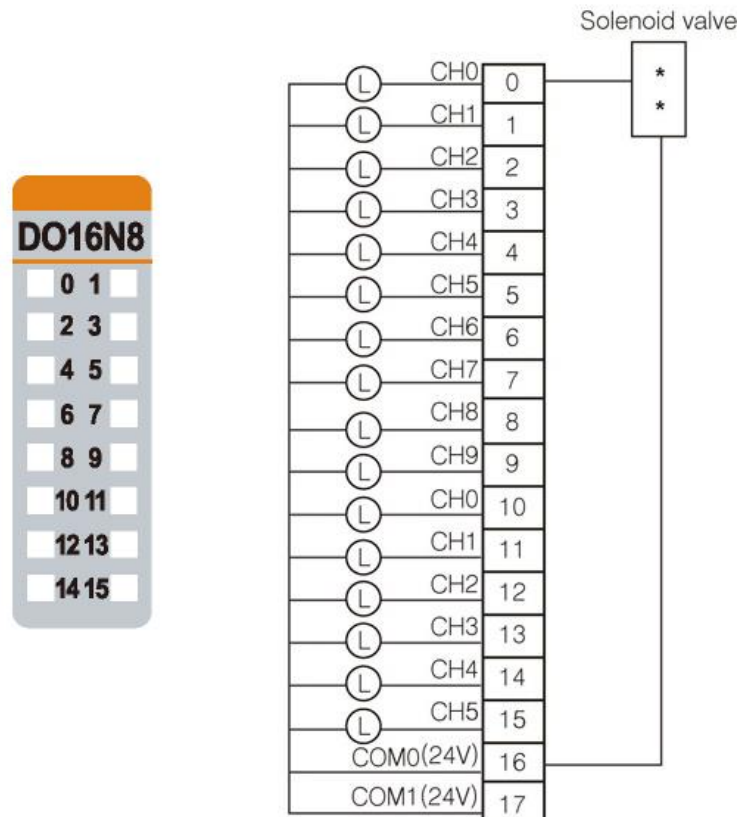


## URD-0016NG-8 (DO16N8) - 16 Digital Outputs, (Sink)

Items	Specification
Outputs per module	16 Points Sink type
Indicators	16 Green output state
Output Voltage Range	Nominal 24VDC Min. 15VDC to Max. 32VDC
ON-state voltage drop	Max. 0.3Vdc @ 25 °C (77°F) / 0.5Vdc@ 70 °C (158°F)
ON-State Min. Current	1mA per channel
OFF-State Leakage current	Max. 20uA
Output Signal Delay	OFF to ON : 0.3ms maximum ON to OFF : 0.3ms maximum
Output Current Rating	Max. 0.3A per channel / Max. 4.8A per unit
COMMON Type	16 points / 2COM
Power dissipation	50mA maximum @ 5.0VDC
Isolation	I/O to Logic : Photocoupler isolation
Field Power	Supply voltage : 24VDC nominal Voltage range : 15 to 32VDC Power dissipation: 30mA @32.0VDC
Wiring	I/O Cable Max. 0.75mm <sup>2</sup> (AWG 18)
Weight	63g
Module Size	12mm x 109mm x 70mm
Operating temperature	-40°C to 70°C (-40°F to 158°F)

### 1. Wiring Diagram



Pin No.	Signal Description	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	Common (Field Power 24V)	17	Common (Field Power 24V)

## 2. 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
No Signal	Off	Normal Operation
On Signal	Green	Normal Operation