

# Single Channel Isolator(NOP101) Dix1



Specification	
Input loop	1CH
Withstand signal voltage(Note#1)	2.7~60V
Current consumption	1.13mA (max)
Output signal of信號開集極負載	open collector 2V-35V,50mA (Max)
Isolation protection voltage	5000Vrms
Input Polarity protection	No
Input Reverse voltage protection Voltage	100V
Output Reverse voltage protection Voltage	40V
Operating Environment	-10~60°C / 0~95%RH, non-condensing
Storage Temperature	-20~70°C
Dimension	69.25(L)*6.9(W)*11.2(H)mm

\*\*Note (1) First, adjust VR1 clockwise to the maximum and then input the voltage 60V, otherwise burned.

### Instructions:

1. First, adjust VR1 clockwise to the maximum and then input the voltage 60V,
2. Trigger the signal at the input terminal (the output terminal may not be able to output the signal at this time).
3. Adjust VR1 slightly counterclockwise until the output terminal gets a signal, and then adjust more than a little after getting the signal.
4. Note that excessive input signal may cause breakdown and burnout.
5. Fix the connector with heat shrinkable film and Protect VR Parameters ◦

# 4 Channel Isolator(NOP104)Dix4



Specification	
Input loop	4CH
Withstand signal voltage(Note#1)	2.7~38V
Current consumption	10.25mA (max)
Output Signal	open collector (開集極) 2V-35V,50mA (Max)
Built-in polarity protection circuit	Common negative or common positive acceptable
Isolation protection voltage	5000Vrms
Input Polarity protection	Yes
Input Reverse voltage protection Voltage	100V
Output Reverse voltage protection Voltage	40V
Operating Environment	-10~60°C / 0~95%RH, non-condensing
Storage Temperature	-20~70°C
Dimension	69.25(L)*18.4(W)*13(H)mm

\*\*Note(1) Input voltage over 38V will burn

### Instructions:

1. To confirm that the input 4 signal sources should be common cathode or common anode ◦
2. Note that excessive input signal may cause breakdown and burnout.
3. Fix the connector with heat shrinkable film.