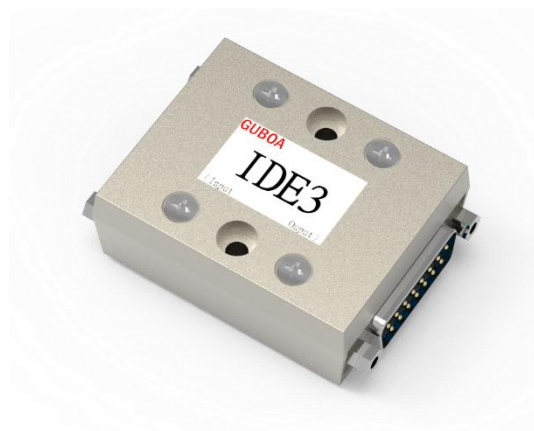


# Manual

## IDE3 Signal Adapter



### Product description

Convert output signal from analog to TTL, split magnification up to 500.

### Applications

Applied with rotary and linear encoders

## Model Selection

Type Code	
IDE3 XXX - X ① ②	
①	Interpolation : 01~500
②	V : for Analog 1 Vpp

## Specifications

Item	Description
Power supply Vcc	5 V ± 5% Vdc
Load current (open output)	≤ 50 mA
Input frequency (max.)	200 KHZ DC
Output frequency (max.)	1000 KHZ
Output current (max.)	≥ 30 mA
Operating temperature	-20°C~100°C

## Pin Definition

Pin No.	Output D-Sub 15P -Male		Input D-Sub 15P -Female	
P1	+ 5V (U <sub>P</sub> )	I	+ 5V (U <sub>P</sub> )	O
P2	+ 0V (U <sub>N</sub> )	I	+ 0V (U <sub>N</sub> )	O
P3	□ A output	O	~ Input 1+(A+)	I
P4	□ /A output	O	~ Input 1- (A-)	I
P6	□ B output	O	~ Input 2+(B+)	I
P7	□ /B output	O	~ Input 2- (B-)	I
P10	⌋ Z output	O	~ Input 3+(Z+)	I
P12	⌋ /Z output	O	~ Input 3- (Z-)	I

## Dimensions

