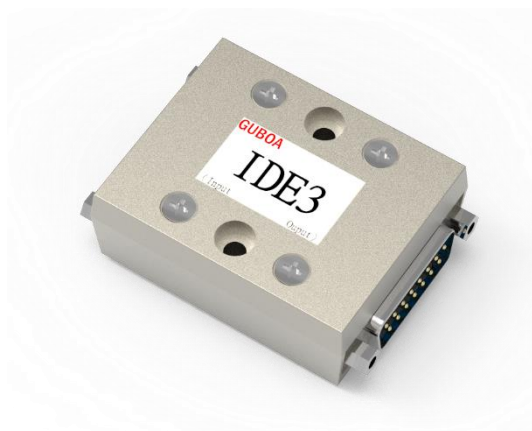


Manual

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 _P)	I	+ 5V (U _P)	O
P2	+ 0V (U _N)	I	+ 0V (U _N)	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

