

EC DECLARATION OF CONFORMITY

According to EMC Directive 89/336/EEC

Koyo Electronics Industries Co., Ltd.

(Name of Company)

1-171 Tenjin-cho Kodaira, Tokyo, JAPAN

(Address)

Rotary Encoder

(Kind of Product)

TRD-2E Series

(Type Designation)

JAPAN

(Country of Origin)

This declaration conforms to the following standard.

Generic standard EMC

EN61000-6-2:1999

/EN61000-4-2:1995,A1:1998 EN61000-4-3:1996,A1:1998 EN61000-4-4:1995
EN61000-4-5:1995 EN61000-4-6:1996 EN61000-4-8:1993 EN61000-4-11:1994

Date to begin affixing CE Marking: December 7, 2001

We, Koyo Electronics Industries Co., Ltd. declare under our sole responsibility that the product to which this declaration relates is in conformity with the standard listed.

Note: This declaration will become invalid if any modification or repair is performed to the encoders without Koyo's permission.

Yuichi Watanabe

Tokyo/ December 7, 2001

(Place and date issued)

Yuichi Watanabe, Manager of Encoder Business Division.

(Name and signature as well as position of declaring)

Koyo Ref. No.EA-0062-0

1). TRD-2E Series

Sample model: TRD-2E100A

The same circuit is used for all types of the TRD-2E_A series, although disk varies with encoder resolution.

Sample model: TRD-2E100B

The same circuit is used for all types of the TRD-2E_B series, although disk varies with encoder resolution.

Sample model: TRD-2E100V

The same circuit is used for all types of the TRD-2E_V series, although disk varies with encoder resolution.

2). Applicability

The following tests were not carried out and the reason is described as bellow.

a. Electromagnetic compatibility-Generic immunity standard

Part 1 : Residential ,commercial and light industry EN50081-2

This test is not carried out, because no noise sources such as oscillating and switch circuit exist in TRD-2E encoders.

b. EN61000-6-2:1999 / Electrostatic discharge EN61000-4-2

This test is not carried out, because no operation switches and buttons will be touched by hands.

c. Low Voltage Directive 73/23/EEC

EN61010-1 (1993)

Because TRD-2E encoder are designed with supply voltage under

TRD-2E_A: 13.2V DC,

TRD-2E_B: 26.4V DC,

TRD-2E_V: 5.25V DC,

the requirement of 75V DC or more is beyond application.