



# NIPPON KAIJI KYOKAI

## *Certificate of Type Test*

Certificate No.  
TA21626M

FOR EXPLOSION PROTECTED TYPE ELECTRICAL EQUIPMENT

APPLICANT:	IDEC Corporation, Osaka, Japan	
MANUFACTURER:	IDEC Corporation, Amagasaki Plant, Hyogo, Japan	
PRODUCT:	Intrinsically Safe Type Buzzer for Lamp Barrier	
TYPE NO.:	See attached sheet	
TYPE TEST NO.:	04T605	
PARTICULARS:	Construction	Intrinsically safe type Ex ib IICT6 (EB3P-ZN) IEC60079-11
	Standard	
	Intrinsically safe circuit	
	Max. input voltage	13.2V
	Max. input current	14.2mA
	Max. input power	46.9mW
	Max. internal capacitance	260nF
	Max. internal inductance	80mH (EB3P-ZN)
	Safety barrier	The buzzer containing piezoelectric device is used in combination with the EB3L lamp barrier or similar barrier which is approved by the Classification Society.
	Ambient temperature	60°C

DOCUMENTATION: A49020, A49021, A49022, A49050, A45720, A37487

THIS IS TO CERTIFY that the above mentioned product has been approved by the NIPPON KAIJIKYOKAI in accordance with the Society's type test requirements for electrical equipment and cables.

This certificate is valid until 28 January 2027.

Issued at Tokyo on 15 December 2021.



T. Shimada  
General Manager  
Machinery Department

Attached sheet to Certificate No.TA21626M

TYPE NO.:

EB3P-ZabcdN:

- a = Construction;  
U: U series, Nil: No designation
- b = Fitting Size;  
N:  $\phi$  30, Nil: No designation
- c = Rated Voltage;  
12: 12V, Nil: No designation
- d = Operation;  
F: Intermittent sound, C: Continuous sound, Nil: No designation

— The end —