

product.

NEVER USE THE PRODUCTS FOR AN APPLICATION INVOLVING SERIOUS RISK TO LIFE OR PROPERTY WITHOUT ENSURING THAT THE SYSTEM AS A WHOI

Applicable standards	UL61010C-1, CSA C22.2 No. 1010.1 (evaluated by UL) EN61010-1 (IEC61010-1): Pollution degree 2/
	Overvoltage category II (evaluated by TUV Product Service)
	EN61326: 1997, A1: 1998, A2: 2001

100,000 times

EEPROM (non-volatile memory)Number of rewrites:

Overvoltage category II, Pollution degree 2 (as per IEC61010-1)

Measurement Range

Memory protection

Installation environment

Input type		Set value		Measurement range	Input impedance	Input absolute maximum rating	Terminal No.
Voltage	Input A	in-t8	0-5	0 to 5 V	1 MΩ min.	±10 V	E4-E3
input			1-5	1 to 5 V	1 M Ω min.	±10 V	
			5	–5 to 5 V	1 M Ω min.	±10 V	
			10	–10 to 10 V	1 MΩ min.	±14.5 V	
	Input B	in-tb	0-5	0 to 5 V	1 MΩ min.	±10 V	E5-E3
			1-5	1 to 5 V	1 MΩ min.	±10 V	
			5	–5 to 5 V	1 MΩ min.	±10 V	
			10	–10 to 10 V	1 MΩ min.	±14.5 V	
Current	Input A	in-ER	0-20	0 to 20 mA	120 Ω max.	±31mA	E2-E3
Input			4-20	4 to 20 mA	120 Ω max.	±31mA	
	Input B	in-tb	0-20	0 to 20 mA	120 Ω max.	±31mA	E1 E2
			4-20	4 to 20 mA	120 Ω max.	±31mA	E1-E3

Conformity to Safety Standards

Always use a EN/IEC-compliant power supply with reinforced insulation or double insulaion for the DeviceNet power supply.

The product must be used indoors for the above applicable standards to apply.

	Error Display							
	PV display	SV display	Description of error	Counter measure				
	ปกะีะ (UNIT)	Err (ERR)	An unexpected Unit was detected.	Check the Unit's model number and mount it in the correct position.				
	ปกไป (UNIT)	[H[] (CHG)	Displayed the first time the power is turned ON after mounting a new Unit.	Press the @ [LEVEL] key for at least 3 s. to register the new Unit configuration.				
(DISP) (ERR)		E (ERR)	Display error	Repair is necessary. Consult your OMRON				
	555 (SYS)	E rr (ERR)	Internal memory error	representative.				
	EEP (EEP)	(EEP) (ERR) Error in non-volatile memory		at least 3 s to return to the factory settings. (See note 1.) Press the @ [LEVEL] key in this state for				
	R.Err (A.ERR) b.Err (B.ERR) Normal		Input error (See note 2.)	Return the input to within the measurement range.				
or - 19999 (flashing)	operation	The input value is out of range or the PV is either greater than 99999 or less than - 19999.	Return the input to within the displayable range.					

Mode kev

turn on Forced-zero-protecting when you want to invalidate the function.

Level key

*1: The parameters already set are returned to the factory settings. If the problem still persists after performing initialization, repair is necessary

*2: If there is an error in input A only, or if there is an error in both inputs A and B, a.err is displayed, and if there is an error in input B only, b.err is displayed.

HAS BEEN DESIGNED TO ADDRESS THE RISKS, AND THAT THE OMRON PRODUCT IS PROPERLY RATED AND INSTALLED FOR THE INTENDED USE WITHIN THE OVERALL EQUIPMENT OR SYSTEM.

See also Product catalog for Warranty and Limitation of Liability.

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Parameter Move Diagram -





