

Please note the following alterations to the IM OR100E-01E.

Due to the inclusion of modem functions in PCs and the rapid proliferation of broadband communication in recent year, it has become difficult to obtain certain commercial FAX/modem cards. Therefore, support for the FAX/modem cards was cancelled as of September 30, 2006. Please disregard the following related descriptions listed in the user's manual.

- Page 11-10 "11.6 FAX Modem"
- Page 11-12 "11.7 Setting the FAX Modem"
- Page 12-4 "Output over the FAX modem"

Note

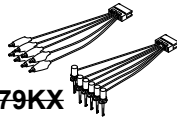
The Handy-OR FAX menu will remain available in units manufactured in the future in case those who use the OR with their current modem card need to replace their OR.

■ Page 3 "Optional Accessories"

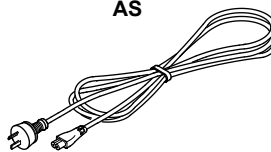
logic probe read

B9988YT B9879PX

B9988YU B9879KX



-R
SAA Standard
AS



■ Page 2-6 "External Trigger Input (Trig in)"

Input a TTL-level trigger signal into this terminal. See [section 5.2](#) for setting the terminal. This terminal is also used when operating multiple OR100Es/OR300Es synchronously ([see section 12.1](#)). This terminal is shared with the external sampling clock or when starting/stopping the recorder with external signals.

■ Page 14-1 “14.1 Measurement Input.”

Maximum input voltage

Between input terminal HI and LO

<u>Measurement category</u> ¹	<u>Maximum Input Voltage</u>
CAT II environment	500 Vrms
CAT III environment	300 Vrms

1 CAT II environment

Describes devices for measuring circuits connected to low voltage equipment, and applies to instruments that are powered by fixed installations such as distribution boards.

CAT III environment

Describes devices for measurements inside buildings and structures, and applies to measurement and other processes related to distribution boards in fixed installations, circuit breakers, wiring and cables, switches, outlets, and industrial instruments.

Maximum floating voltage

<u>Measurement category</u> ¹	<u>Maximum Input Voltage</u>
CAT II environment	500 Vrms
CAT III environment	300 Vrms

1 CAT II environment

Describes devices for measuring circuits connected to low voltage equipment, and applies to instruments that are powered by fixed installations such as distribution boards.

CAT III environment

Describes devices for measurements inside buildings and structures, and applies to measurement and other processes related to distribution boards in fixed installations, circuit breakers, wiring and cables, switches, outlets, and industrial instruments.

■ Page 14-14 “14.9 General Specification”

Supported Standards

CSA	CAN/CSA-C22.2 No1010-1	Installation category II ¹ , pollution degree 2 ²
CE	EMC directive: EN61326 compliant (Emission: Class A, Immunity: Annex A) EN61000-3-2 compliant EN61000-3-3 compliant EN55011 compliant	Class A Group 1
	Low voltage directive: EN61010-1 compliant; measurement category II ³ , measurement category III ⁴ , pollution degree 2 ²	
C-Tick	AS/NZS CISPR11 compliant	Class A Group 1

Conditions for EMC Standard Conformity:

That the main unit's functional ground terminal be connected to earth GND, and that the following are used: Yokogawa AC adapter, logic probe, measurement leads, and shielded RS-232 cables.

1 Installation category (overvoltage category) II

Describes a number which defines a transient overvoltage condition (includes the regulation for impulse withstand voltage, and applies to electrical equipment that is supplied with power from fixed installations such as distribution boards).

2 Pollution degree

Describes the degree of adherence by a solid, liquid, or vapor that deteriorates dielectric strength or surface resistivity. (Pollution degree 2: Applies only to normal indoor atmospheres (non-conductive pollution))

3 Measurement category II

Describes devices for measuring circuits connected to low voltage equipment, and applies to instruments that are powered by fixed installations such as distribution boards.

4 Measurement category III

Describes devices for measurements inside buildings and structures, and applies to measurement and other processes related to distribution boards in fixed installations, circuit breakers, wiring and cables, switches, outlets, and industrial instruments.