## Input frequency range:

From 100 Hz to 100 kHz, set at time of shipment\*

100 Hz to 250 Hz

250 Hz to 500 Hz

500 Hz to 1 kHz

1 kHz to 2.5 kHz

► 2.5 kHz to 5 kHz

-5 kHz to 100 kHz

# Input voltage:

AC sine wave 0.2 to 50 Vrms

Square wave 0.6 to 70 Vp-p

DC rectangular wave

HI level +4 to 30 V

LO level -1 to +1 V

### Input waveform:

AC sine wave or square wave

DC rectangular wave, pulse width 3 µs min.

# Input impedance:

-30 kΩ min. (100 kHz)

\* 80 kΩ min. (20 kHz)

(When measuring with 0.2 Vrms sine wave)

### Output voltage:

Set to 0 to 10 V, 0 to 5 V, 0 to 1 V, or 0 to 0.1 V at time of shipment

# Output current:

4 to 20 mA, load resistance 500  $\Omega$  max.

0 to 16 mA, load resistance 500 Ω max.

(Set to one of the above at time of shipment)\*

### Linearity:

Within ±0.2% of maximum rated value

### Response:

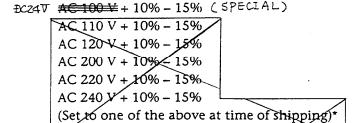
Set as follows depending on the input frequency range:

ı	Input frequency range	Response
	100 Hz to 250 Hz	<del>1 s</del>
	250 Hz to 500 Hz	0.5 s
	-500 Hz to 1 kHz	<del>0.3 s</del>
-	1 kHz to 2.5 kHz	0.1 s
•	2.5 kHz to 5 kHz	0.05 s
	5 kHz to 100 kHz	0.03 s

## Ripple:

0.1% of maximum rated value, or 10 mV max. (Input frequency level during 5% of full-scale frequency input)

#### Power source:



### Withstand voltage:

46 to 63 Hz

Between casing and primary power source AC 2000 V, 1 minute Between output and sensor DC 250 V, 1 minute

## Insulation resistance:

Between casing and primary power source: 50 M $\Omega$  min. (500 V)

# Power consumption:

6 VA max.,  $\frac{AC + 100 \text{ V}}{DC^{24}V}$ , with no input signal present, no sensor current consumption 10 VA max.,  $\frac{AC + 100 \text{ V}}{AC}$ , 100 kHz input, 100 mA sensor current consumption

### Dimensions:

W 245 mm H 99 mm (rubber legs +10 mm) D 180 mm

### Operating temperature:

0 to +40°C

## Weight:

Approx. 2 kg

## Accessories:

User's Manual (1)

AC 100 V power cable (AX-204) 2.4 m (1)

Flat blade screwdriver for output adjustment (1)

Panel attachers (1 set)

\* To have your unit readjusted after purchase, contact your place of purchase or your nearest Ono Sokki business office.