

**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  $\mu$ s min.

**Input impedance:**

~~30 k $\Omega$  min. (100 kHz)~~

→ 80 k $\Omega$  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  $\Omega$  max.~~

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

**Linearity:**

Within  $\pm 0.2\%$  of maximum rated value

**Response:**

Set as follows depending on the input frequency range:

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

## 4. Specifications

### Ripple:

0.1% of maximum rated value, or 10 mV max.

(Input frequency level during 5% of full-scale frequency input)

### Power source:

~~DC24V~~ ~~AC 100 V~~ + 10% - 15% (SPECIAL)

<del>AC 110 V + 10% - 15%</del>
<del>AC 120 V + 10% - 15%</del>
<del>AC 200 V + 10% - 15%</del>
<del>AC 220 V + 10% - 15%</del>
<del>AC 240 V + 10% - 15%</del>
(Set to one of the above at time of shipping)*
46 to 63 Hz

### Withstand voltage:

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., ~~AC 100 V~~, with no input signal present, no sensor current consumption ~~DC24V~~

10 VA max., ~~AC 100 V~~, 100 kHz input, 100 mA sensor current consumption ~~DC24V~~

### 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.