DIESEL ENGINE TACHOMETER

GE-1200

For easy r/min measurements on 4-cycle diesel engines by clamping the detector to the fuel injection pipe.



0 to 1V/0 to 10,000 r/min Voltage output

Analog output

TTL Level

Specifications: GE-1200

Display section

Display : Liquid crystal, 7-segment, 5-digit indication

Measurement and display time: 1-s automatic repetition

Measurement accuracy : ±1 r/min

Low battery warning function: When the battery voltage drop below approx.

Storage temperature range: -10 to 55°C 3.5V, a "B" mark appears in the upper right of

the liquid crystal display.

Signal indicator : The LED flashed when signals are input

Analog output section

Output voltage : 0 to 1V / 0 to 10,000 r/min (F/V conversion method)

: ±0.5 % / full-scale or better Linearity Response : 0.5 s / 10 to 90 % or better Ripple : 5 mVp-p / 400 r/min max.

Connectable load resistance : $2 k\Omega$ min.

Offset voltage at zero point : ±0.5 % / full-scale max. Offset drift : ±0.05 % / full-scale / °C max. Span drift : ±0.05 % / full-scale / °C max.

Pulse output section

Logic : Positive logic

Pulse width : Rectangular pulses with 3.9 ±0.1 ms The number of output pulse : 1 pulse every two rotations of the engine

Output level : Lo 0.5V max.

Hi 4.5V min.

Connectable load resistance: 1 kΩ min.

General specifications

Measuring range

Applicable detector

Operating temperature range: 0 to 40°C

Weight : Approx. 400g (including batteries) Power source : Three type AA (UM-3) batteries

Continuous measuring time: Approx. 10 hours (using manganese dry batteries,

: 400 to 10,000 r/min

Standard accessories

AX-501 Output cable1

Type AA (UM-3) dry batteries...3

Carrying case...1

Option

CP-044 Diesel Engine Rotation Detector

PB-703 AC Adaptor

Specifications: CP-044 (Optional)

Applicable Engine : 4-cycle Diesel Engine

Method : Detecting vibration of fuel injection by piezo-

electric element

Applicable injection pipe diamater: ø4 to 8 mm Withstand compressive force: 1,960 bar max. Measuring range Weight

: 400 to 6,000 r/min

Operating temperature : 0 to +80 °C

: Approx. 120 g

Cable length

: Approx. 4.9 m

Outer Dimensions



