Diesel Engine Tachometers GE-1400 For diesel engine measurement applications HT-6100 External sensor input type For diesel engine and general rotating objects



ONO SOKKI

Diesel Engine Tachometer

For diesel engine measurement applications



Input connector

Applicable engines			Four-cycle diesel engines		
Detection method			Detection of the pulsation generated by the injection pipe at the time of fuel injection		
Compatible detector			CP-044 (option)		
Calculation method			Cycle calculation method		
Measurement time			Within 1 s + the time required for one cycle		
Display			5-digit LCD, with backlight (character height: 10.2 mm)		
Display update time			1 ±0.2 s		
Measurement units			r/min, r/s		
Measurement range			400 to 8000 r/min (r/s is the range when the r/min measurement value is divided by 60)		
Measurement accuracy		accuracy	Displayed value* x (±0.02%) ±1 count * The displayed value is the count value excluding figures after the decimal point		
	Me	mory function	20 data (MAX)		
Measu		er-range function	The over-range alarm (ERROR mark) is displayed when the measured value exceeds the display range.		
ment functio		tation upper it alarm function	The upper limit alarm († mark) is displayed when the number of rotations exceeds the preset upper limit value.		
		gger level adjustment	A rotary dial at the right-hand side of the device is used to adjust the trigger level.		
		Description of output function	Output with respect to the displayed rotation values		
		Output voltage	0 to 1 V/0 to FS (FS is freely selectable)		
	Analog output	Conversion method	10-bit D/A conversion		
		Linearity	±1%/FS		
Output		Output update time	Within 50 ms + the time required for 1 cycle		
section		Temperature stability	±0.05%/FS/°C (span & zero)		
		Setting error	±0.5%/FS		
		Load resistance	At least 100 kΩ		
	Monitor	Description of output function	Analog output for monitoring purposes after waveform reshaping of the sensor signal		
	σαιραί	Load resistance	At least 100 kΩ		

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GE-1400

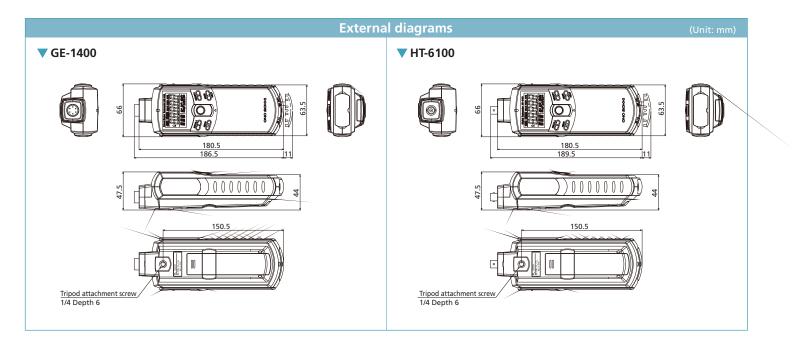
Output section	Pulse output	Output voltage	Hi level: At least +4.5 V Lo level: Up to +0.5 V		
		Output logic	Positive logic		
		Load resistance	At least 100 kΩ		
General specifi- cations	Power source		Four AAA alkaline batteries or exclusive AC adapter (PB-7080, Option)		
	Battery life		At least 16 hours (when the backlight is OFF) At least 8 hours (when the backlight is ON)		
	Low battery alarm indicator		A low battery alarm (LOW mark) is displayed when the battery voltage falls below 4.4 V.		
	Operating temperature range		0 to 40°C		
	Storage temperature range		-10 to 50°C		
	Outer dimensions		186.5 (W) x 47.5 (H) x 66 (D) mm		
	Weight (including batteries)		Approx. 280 g		
	Accessories		Signal cable (AX-501) 1 AAA alkaline batteries 4 Carrying case 1		

Note: Please refer to the User's Manual for the operating procedures.

CP-044 Specifications *Op		otion (sold separately)		
Applicable engines		Diesel engines		
Detection method		A piezoelectric element is used to detect pulsation at the time of fuel injection		
Applicable pipe diameter		ø4 to 8 mm		
Piezoelectric element withstan compressive pressure	d	1,960 bar		
Measurement range		400 to 6000 r/min		
Operating temperature range		0 to +80°C		
Weight		Approx. 120 g		
Output cable length		Approx. 4.9 m		

Options (sold separately)									
For the GE-1400	Diesel engine rotation d CP-044	etector		AC adapter PB-7080	Signal cable (For both analog and pulse output signals) AX-501				
For the HT-6100	Ignition detector IP-292 Ignition detector IP-3000	Ignition detector IP-296	For the SE-2500 and HT-6100	Magnetic stand/Stand jig HT-0522/0521A	Tripod LA-0203A				

*Separate detectors are required for the GE-1400 and HT-6100.



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*Outer appearance and specifications are subject to change without prior notice. URL: http://www.onosokki.co.jp/English/english.htm

WORLDWIDE

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