

EG2000

Universal Electronic Engine Governor Controller with Smoke Limiting, & Idle Speed. Works with Built-in & Non-Built-in PTs Pumps, also can be used with Low Current, Electric over Hydraulic Oil Pumps Type Governor Actuators

Features

- Works on a wide ranges of MPU/flywheel frequencies
- 15Amp Max Output
- Suitable for all types of diesel and Gas engines
- High Sensitivity and stable at Low Frequency Variations
- Moisture, vibration, and rust protected, Epoxy encapsulated electronics
- For Use With Isochronous Generators & Automatic Paralleling PLC controls
- Idle Speed Adjustment and connections for a Remote Speed POT



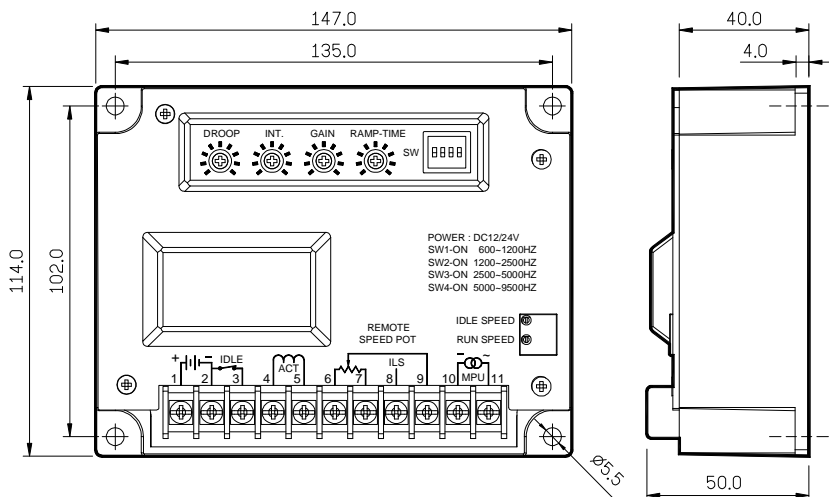
Specifications

Operating Voltage	10 VDC to 30 VDC	Remote Speed Adjustment Range (2 mode)	Adjustable range $\pm 5\%$ with 5 K Ω potentiometer
Output Current	From 0.5 Amp to 15 Amp	Ramp Time	3 to 20 sec. (Adjustable)
Frequency Range	600 Hz ~ 9500 Hz (PMG signal)	Dimensions	147.0 (L) x 114.0 (W) x 40.0 (H) mm
Idle Speed Frequency	Adjustable from 30~85% of normal	Weight	690 g $\pm 2\%$
Speed Band	$\pm 0.25\%$ at steady state		
Temp. Stability	Between -40~85 °C better than $\pm 0.5\%$		

Environment

Operation Temperature	-40~85 °C	Relative Humidity	Maximum 95%
Storage Temperature	-40~85 °C	Vibration	3G @ 100~2 KHz

Mechanical Specifications (Unit : mm)



DIP Switch Description

SW1	ON	600~1200Hz
SW2	ON	1200~2500Hz
SW3	ON	2500~5000Hz
SW4	ON	5000~9500Hz

Governor Controls

DROOP	Drop rate Adjustment
GAIN	MPU Output Gain Adjustment
Int.	Engine Stability Adjustment
RAMP-TIME	Soft Start Adjustment
SPEED	Speed Adjustment
IDLE	Idle Speed Adjustment