

IdleControl

automatic engine stop



IdleControl

- ✓ Active prevention of unnecessary emissions
- ✓ Active contribution to labor and environmental protection
- ✓ Cost amortization within short period of time
- ✓ Retrofit and OEM solution
- ✓ For gas and diesel engines
- ✓ Robust and simple installation
- ✓ Suitable for all NRMM and On-Road applications
- ✓ Compatible to the DYNTEST product family

IdleControl – automatic

engine stop

Engine and environmental protection.

Frequent maintenance intervals for vehicles and machines are associated with high cost for fleet operators. Therefore owners are constantly looking for saving potentials. A trigger for shortened maintenance intervals are long idle times of engines. In order to reduce useless idling the automatic engine shutdown DYNTEST IdleControl is ideally suited

By shutting down the engine in idle mode, fuel is saved and the environment is protected. The installation of DYNTEST IdleControl ensures that the engines are switched off automatically in areas where they are not permitted to run in idle mode for an extended period of time. This becomes more and more obligatory due to regulations or laws. Fuel consumption and harmful exhaust gases are reduced significantly. DYNTEST IdleControl works independently of the combustion process and can thus be installed in both diesel and gas engines.

Additionally to the shutdown function the system records the operating data and the shutdown events. The data can -as known from the DYNTEST ControlBox- be read out and analyzed via PC using the CPK terminal software. The preset parameters for the shutdown function can also be modified.



IdleControl-Module

Technical data and specification

Ambient temperature	- 20 - + 80° C
Supply voltage	10 - 30 V DC
Current	50 – 250 mA (in operation); 1 mA (Standby)
Protection type	IP64
Memory	16 MB
Dimension	95 x 100 x 38 mm
Electrical protection	Overvoltage
EMC protection	Suppressed against outgoing electrical interference
Versions	12V / 24V
Buzzer	85dB

About the functions of DYNTEST IdleControl:

A countdown sequence starts as soon as the parking brake is activated while idling. After a preset time an acoustic signal alerts the user that the engine will be switched off shortly. After reaching the shutdown time, DYNTEST IdleControl turns off the engine automatically.

In order to ensure that the engine keeps running at very high or very low ambient temperatures a temperature sensor can be installed optionally. This guarantees that the DYNTEST IdleControl switches off the engine only at ambient temperatures within a certain range. For example between 10 and 27 ° C (this temperature range can also be parameterized). This allows the engine to operate at very low temperatures for heating or at very high temperatures for cooling. Within the predetermined temperature range the engine is switched off automatically for example after five minutes idling with active park brake (also calibratable).

IdleControl saves costs and protects the environment. Your advantages:

- ✓ Reduce fuel consumption
- ✓ Saves the engine and extend maintenance intervals
- ✓ For gas and diesel engines
- ✓ Data logging of idle times/shut downs
- ✓ Fast amortization of acquisition costs
- ✓ Effective contribution to labour and environmental protection
- ✓ Compatible with the DYNTEST product portfolio

DYNTEST IdleControl can be used in different ways

DYNTEST IdleControl can be installed as stand-alone solution. An Integration in the tried and tested DYNTEST DPF-Monitoring system (ControlBox V4) is easily possible!





We work together with leading companies in Asia, in North America, as well as in a number of European countries.

***Any special requirements?
Would you like more information?
If so, please get in touch.***



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