ENGINE CONTROL AND DIAGNOSIS

M2000 Engine Control

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Features/Benefits

- Controls start and stop of the engine, monitors and protects the engine during start and operation, and simultaneously indicates the engine and alarm status on the front of the unit
- Eight inputs for monitoring e.g. oil pressure, coolant, temperature and engine speed
- Cable monitoring on sensor inputs for a fail safe system
- Can be combined with M0600 to build a complete control, alarm and safety system for marine engines

Specifications

Voltage Supply	12-24 Vdc±30% (8-32 Vdc)
Consumption	Max. 180 mA
Dimensions	**H** 144 mm (5.7")
	W 144 mm (5.7")
	D 35 mm (1.4")

Web Resources
littelfuse.com/m2000

ORDERING NUMBER	CONTROL POWER	ACCESSORIES
M2000.0130	12-24 Vdc, IP54 at front	M0600 Shutdown Unit M0500 Tacho Detector K3452 RS232 Cable

M2500 Engine Control and Monitoring Unit

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Features/Benefits

- Control and monitor engines in marine applications such as auxiliary generators, emergency generators and propulsion engines
- Allows manual (local) and automatic (remote) start of the engine and will monitor all engine parameters
- Nine digital alarm/shutdown inputs for monitoring e.g. oil pressure, coolant, temperature and engine speed
- Combine with M2600 to build a complete control, alarm and safety system for marine engines

Specifications

Operating Temp.	−15°C to +70°C
Humidity	95%
Dimensions	**H** 137 mm (6.2")
	W 209 mm (8.2")
	D 39 mm (1.5")

Web Resources
littelfuse.com/m2500

ORDERING NUMBER	CONTROL POWER	ACCESSORIES
M2500.0010	12-24 Vdc	M2600 Shutdown Unit K2502 SD Card K1025 USB A to B Cable

E5000 Handheld EngineEye Unit

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Features/Benefits

- Reliable robust tool for engine diagnostics, consisting of a cylinder pressure analyzer for collection of measurements, a pressure sensor, an optional top dead center sensor and an optional crank angle sensor
- Tune and balance engine during operation
- Large display and intuitive software for easy operation

Specifications

Pressure Range	0-250 Bar
Pressure Accuracy	1%
Temperature Range	−50 to +350°C
Dimensions	**H** 150 mm (5.9")
	W 260 mm (10.2")
	D 55 mm (2.2")

Web Resources
littelfuse.com/e5000

ORDERING NUMBER	DESCRIPTION	ACCESSORIES
E5000.1000	**EngineEye Basic** (E5000.0010 and E5100.0010)	See datasheet at: littelfuse.com/e5000
E5000.3000	**EngineEye Professional** (E5000.0030, E5100.0010 and E5300.0010)	