

MOTORTECH®

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PowerView4 – HMI Module

Ignition and Knock Control Visualization

MOTORTECH presents its latest development for the data visualization of their ignition and knock controllers. The compact PowerView4 HMI module, which impresses with modern improved hardware and additional functionality directly replaces the PowerView3 HMI module.

The 7" multi-touch display supports the complete visualization of important operating data, as well as the adjustment of individual parameters. Fault diagnosis can be carried out conveniently by the operating personnel in the field, without the additional use of a laptop.

The touchscreen enables intuitive navigation through the various menus and display elements. The most important operating data can be easily recorded on the supplied SDHC memory card and transferred to a computer via USB mass storage for evaluation purposes. The visualization functions are factory activated on all devices.

General Features:

- Visualization of ignition (MIC100, MIC3, MIC3+, MIC4, MIC5) and knock control (DetCon2, DetCon16, DetCon20) via CAN bus
- Intended for installation in a control panel door .
- Allows the runtime adjustment of individual device parameters •
- Various display settings (languages, date, display calibration, etc.)
- Access control
- Day and night mode







ORDERING INFORMATION:			
P/N	Description	Supersedes	
06.05.150	PowerView4 HMI module incl.	06.05.085	
	- Factory activation of ignition and knock control visualization		
	- Harnesses for power supply and CAN connection (15 m / 50 ft each)		
	- SDHC memory card, 16 GB, pre-installed		
	- USB stick with MOTORTECH Trend Viewer		
	visualization software and operating manuals.		

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TECHNICAL DATA:				
	Screen diagonal	178 mm (7")		
	Touch technology	Projected capacitive multi touch		
Display	Colour depth	18 bit (262.144 colors)		
	Resolution	800 x 480 pixels		
	Brightness	400 cd/m² typical		
Communication	CAN-Bus	2x CAN (ISO/DIS 11898)		
	SD card slot	4 bit MMC/SD/SDHC		
Memory	RAM standard	512 MB 32 bit DDR3L		
	eMMC flash	4 GB MLC eMMC		
Power Supply	Supply voltage	Nominal voltage: 24 V DC		
Power Supply	Power consumption	5.3 W typical		
	Front	3.0 mm toughened glass		
Housing	Frame	Fine zinc alloy, matt chrome		
Housing	Rear	1.4016 stainless steel		
	Protection class	IP66 (front), IP20 (rear)		
	Width	206.9 mm (8.15 inch)		
Device Dimensions	Height	126.2 mm (4.97 inch)		
Device Dimensions	Depth	35.6 mm (1.40 inch)		
	Weight	861 g (1.90 lbs)		
Climatic Environmental	Operation	0 °C to +50 °C (32 °F to +122 °F)		
Climatic Environmental Conditions	Storage	-20 °C to +70 °C (-4 °F to +158 °F)		
Conditions	Humidity	5% to 90% without condensation		

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