

## AUXILIARY MODULES

# AMC 6 ENC

Slew box (6-encoders)

### Description

The AMC 6 ENC slew box is a six potentiometer-like encoders device with a serial interface for connection to a PC allowing rapid calibration of fundamental engine parameters controlled by the ECU.

All potentiometer are VISION programmable. As default configuration, injection time and spark advance are adjusted with two large knobs allowing smooth and precise regulation, a big central one is reserved for additional regulations (e.g. turbo pressure), three little knobs are for injection phase of the high and low injection banks and additional function (AUX1), defined by the application software on specific requests.

The encoders have the advantage that user doesn't need to "zero" the knob position from a point to the subsequent, allowing a faster engine mapping.

The AMC 6 ENC contains the current loop/RS 232 interface which connects the PC directly to the ECU and retransmits commands between the two.

AMC 6 ENC back panel holds a couple of DB9 connector, one of them must be connected to the PC (with the provided RS 232 cable) and, if used, the other must be connected direct to the ECU.

### Main Features

- Compatible with VISION4 and VISION4 LITE tools
- Versatile in software programming of the encoders
- Direct interface with low cost ECU



### Benefits

- Fast engine mapping
- More precision calibration
- Easy to use by means of VISION tools

### Typical Applications

Usable as "dyno" in all applications

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### Technical Characteristics

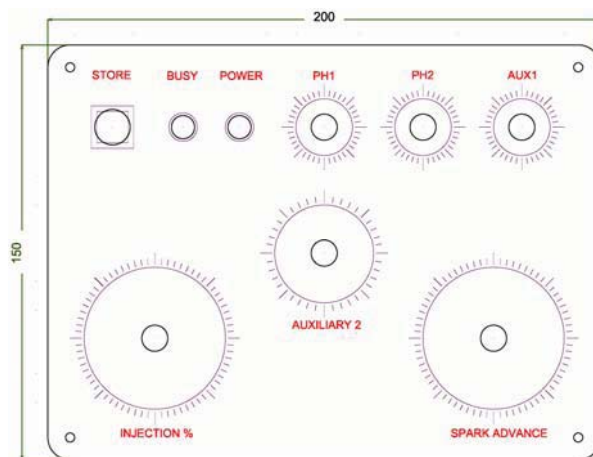
#### Communications

RS 232.....	1
bit rate.....	19200 baud
Serial current loop.....	1
bit rate.....	19200 Baud

#### Other Characteristics

Power supply .....	8 to 14 V
with adapter (Vac) .....	220 V
.....	50 Hz
PH1, 2 and AUX1....	graduated scale 32 step, 11.25°
AUX2.....	graduated scale 64 step, 5.62°
Injection.....	graduated scale 128 step, 2.81°
Spark advance.....	graduated scale 128 step, 2.81°
Knobs, leds and button dimensions	
Injection % & Spark advance.....	50 mm
PH1, 2 and AUX1 .....	20 mm
AUX2 .....	35 mm
STORE .....	12 mm
BUSY.....	5 mm
POWER.....	5 mm
Connectors.....	2
RS 232.....	DB 9 female
Serial current loop .....	DB 9 male
Dimensions approx.	
without connectors.....	200 x 150 x 38 mm
Weight (approx.) .....	1100 g

### Dimensions



Dimensions in millimetres

### Application Schematics

