



# AT9 series



## Technical data:

<b>Dimension (panel mounting)</b>	w 204 x h 140 x d 65 mm
<b>Mounting hole</b>	w 191 x h 125 x d 85 mm
<b>Weight</b>	1100 gram
<b>Visual dimension</b>	5,7 in. (117,2 x 88,4 mm)
<b>CFL backlight</b>	470 cd/m <sup>2</sup>
<b>Current consumption</b>	850 mA (U <sub>operate</sub> = 12V) 420 mA (U <sub>operate</sub> = 24V)
<b>Power supply</b>	10 - 32 VDC
<b>Memory</b>	5,3 MByte Flash, 1 MByte SRAM, 2 kByte EEPROM
<b>Interfaces</b>	RS232, CAN ISO11898
<b>Optional Interfaces</b>	USB, 2nd CAN, CAN ISO11992, RS422
<b>Options</b>	build on enclosure, I/O-add-ons (32 digital I/O's and 7 analogue I/O's)
<b>Additional I/O's</b>	single-channel counter input with 100kHz, alarm output, video input
<b>EMC, vibration, shock</b>	EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-6, EN61000-6-1, EN61000-6-2, EN61000-6-3, EN61000-6-4, EN60068 e1 in preparation
<b>Protection rating enclosure</b>	IP65 according to EN60529
<b>Operation temperature</b>	-10°C to +65°C
<b>Storage temperature</b>	-30°C to +80°C
<b>Special features</b>	battery backed real time clock, buzzer, switchable load resistance for CAN network

We reserve the right to make technical alterations without prior notice. Status: 1 July 2007.

**Designed for machinery and vehicle technology the AT9 series offers:**

### More power

By providing the AT9 series with latest processor technology a considerable increase of computer power has been achieved.

### All around protection

The total enclosure is well protected against the intrusion of soil and wetness according to protection rating IP65. A new construction concept for the enclosure has enabled the elastic mounting of the display in order to improve the vibration and shock performance.

### Bright display

The AT9 series features a brilliant and high contrast TFT Colour-Graphics display with an extra bright CFL-backlight of 470 cd/m<sup>2</sup>.

### Simple handling

A comfortable single-hand operation is guaranteed by the use of 8 illuminated tactile film pressure keys and a digital potentiometer. The potentiometer axis includes a pressure function for the confirmation of inputs or the selection of menu items.

### Video

AT9 offers an analogue video input to connect a camera (e.g. rear view camera).

### Free programmability

By means of our editor software ITE6 useful menu structures as well as notification pages can be programmed by oneself. The open C interface (ITE6D) allows the implementation of numeric calculations. With version ITE6E a direct access to motor data of a diesel engine is possible. (J1939)

