



back view of AT9C and mount ATK 138

Technical data:

Dimensions	w 204 x h 140 x d 65 mm
Mounting hole	w 191 x h 125 x d 85 mm
Weight	1350 gram
Visual dimension	5,7 in. (117,2 x 88,4 mm)
Contrast ratio	450:1
CFL backlight*	350 cd/m ²
Video	colour, PAL, BNC-connection
Current consumption	850 mA (U _{operate} = 12V) 420 mA (U _{operate} = 24V)
Power supply	+10 to +32 VDC
Memory	5,3 MByte Flash, 1 MByte SRAM, 2 kByte EEPROM
Interfaces	RS232, CAN ISO11898
Optional Interfaces	USB, 2ndCAN, CAN ISO11992, RS422
Additional I/O's	single-channel counter input with 100kHz, video input, alarm in/output
Test standards EMV, temperature, vibration, shock	EN61000-6-1, EN61000-6-2, EN61000-6-3, EN61000-6-4, EN60068-2-2, EN60068-2-30 e1 in preparation
Protection rating enclosure	Ip65 according to EN60529
Operating temperature	-10°C to +65°C
Storage temperature	-30°C to +80°C
Special features	battery backed real time clock, buzzer, switchable load resistance for CAN network

*(measured at 25 °C and 24 VDC)

We reserve the right to make technical alterations without prior notice. Status 20. March 2009.

H287A0

Designed for machinery and vehicle technology AT9C 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 .

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 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)

Different installation types

The combination of the AT9C construction case and the mount ATK 138 is easy to install and very reliable in use. One application could be a driver's cab installation on the panel. The AT9C is easy to rotate due to the ball-and-socket joint as well as it is easy to fix its position.

