GRAF-SYTECO

AT91 / AT92

AT91

Technical data:	
Dimension	AT91: 277 x 140 x 65 mm
	AT92: 204 x 140 x 65 mm
Mounting hole	w 191 x h 125 x d 85 mm
Weight	AT91: 1300 gram
	AT92: 1100 gram
Visual dimension	5,7 in. (117,2 x 88,4 mm)
Contrast conditions	450:1
CFL backlight*	350 cd/m^2
Video	Colour, PAL, BNC-connector
Current consumption	850 mA ($U_{operate}$ = 12V)
	420 mA ($U_{operate}$ = 24V)
Power supply	+10 bis +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, alarm output, video input
Test standards EMV, temperature, vibration, shock	EN61000-6-1, EN61000-6-2, EN61000-6-3, EN61000-6-4, EN60068-2-6, EN60068-2-27, EN60068-2-2, EN60068-2-30 e1 in preparation
Protection rating enclosure IP65	
Operation temperature	-10°C bis +65°C
Storage temperature	-30°C bis +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: 1 July 2007.   H188A0

Designed for machinery and vehicle technology the AT9 series offers:

2 Equipment variants

Version AT92 has 8 function keys, AT91 offers an additional numeric block.

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 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).

AT92   back view AT92

CE