



**Designed for machinery and vehicle technology**  
**AT26 offers:**

### Simple CAN connection

Simple connection of CAN bus as well as supply voltage is necessary.

### 2 incremental counter inputs

2 incremental counter inputs may be used for connection of rotary encoders with 90 degrees shifted pulse outputs.

### Control via CAN bus

Using appropriate software, AT26 can also be applied for realisation of control functions. For connection of sensors 8 digital and 4 analogue inputs are available. 8 integrated digital outputs allow direct activation of valves. 4 of all outputs are additionally constructed as PWM with a maximum frequency of 1kHz.

### 2nd CAN bus option

In order to build a second independent CAN network, a second CAN bus can be integrated. Such kind of second CAN network for instance could present the connection to an electronically controlled diesel engine, where communication is realised via standardised J1939-protocol.

### Comfortable programming

Programming is realised in "C" or ladder diagram, alternatively implemented as graphical projection with our GDS Logic software.

### Simple installation

AT26 is equipped with a simple flange plate which is to be assembled via 4 screws.

### Reliable connector assemblies

For application in mobile engines robust Crimp-connector assemblies are used which snap in self-dependent.

#### Technical data:

<b>Flange dimension</b>	w 156 x h 120 mm
<b>Weight</b>	700 gram
<b>Fixture</b>	flange fixture
<b>Current consumption</b>	100 mA (on 24V)
<b>Supply voltage</b>	10 - 32 VDC, including reverse voltage protection
<b>In- / outputs</b>	8 dig. low-side inputs, 8 dig. high-side outputs (6 x 1,3 A and 2 x 4 A) thereof 4 PWM capable, 4 analogue inputs (0-10 V / 0-20 mA) 10 Bit, 2 incremental counter inputs (10 kHz)
<b>Program/data memory</b>	1,2 MByte Flash max., 256 kByte SRAM max., 2 kByte EEPROM
<b>Interfaces</b>	CAN ISO11898, RS232
<b>Optional interfaces</b>	2 <sup>nd</sup> CAN, RS422
<b>Programming</b>	"C"-programming, LD
<b>Test standards EMC, temperature, vibration, shock</b>	EN61000-6-1, EN61000-6-2, EN61000-6-3, EN61000-6-4, EN60068-2-6, EN60068-2-27, EN60068-2-2, EN60068-2-30
<b>Operating temperature</b>	-20°C to +70°C
<b>Storage temperature</b>	-30°C to +80°C
<b>Load-dump stability</b>	severity level II (113 V)

We reserve the right to make technical alterations without prior notice. Status: April 3 2009. H245A1

