

AT2-series HMI/Control unit



The AT2-series is an operator panel with character capability, available as an LCD or VF-display. It was constructed for rough environment in vehicles, building machines and plant construction. The operator panel has a CAN interface.

For the operator a user-friendly digital potentiometer is integrated and it is possible to input characters without an additional keyboard.

- **LCD or VF Display**
- **Simple, quick input**
- **Night-use Design**
- **Optional Clock/Timer**
- **Panel-mounting or supplied in enclosure**
- **LED Backlight on LCD Display**
- **CAN-Bus interface**
- **Small Size**

Sensor-Technik UK Ltd
Unit 10, The Granary
Mill Road, Sharnbrook
Bedfordshire MK44 1NN
Telephone 01234 782049
Fax 01234 782056
sales@sensor-technik.co.uk
www.sensor-technik.co.uk

AT2-Series technical data

Display:

LCD, LED-Backlight or VF
4 x 20 character

Visual area:

76 x 25.5 mm

Input control:

1 Potentiometer with detent and push button

Memory:

1.2 MB Flash max.
256 kB SRAM max.
2 kB EEPROM

Dimensions:

139 mm x 104 mm x 44 mm

Mounting:

Front panel or build-on enclosure

Interface:

CAN-Interface

Programming:

C with graphics editor ITE6

Special feature:

Night design of keys

EMC, vibration, shock:

EN50081, EN50082, EC68-2-6, IEC68-2-27,
ISO7637

Power supply:

10 – 32 VDC

Current consumption:

180 mA ($U_{operate}=24V$)

Load-dump resistance:

Included, Level II (113V)

Operation temperature:

LCD Display –20C to +70C
VF Display –40C to +70C

Storage temperature:

LCD Display –30°C to +80°C
VF Display –40C to +85C

Protection rating:

IP64 to the front according to DIN40050

Options:

Clock, build-on enclosure

Panel Mounting Cut-out:

130 ±0.5mm width, 95 ±0.5mm height

Panel Thickness

1.5 to 3.0mm

Electrical connector:

AMP 0-929504-2 Housing
AMP 0-927864-2 Pins
(Mating unit supplied)

Ordering Code:

Model AT2x 00y

Panel mounting x=0

Enclosure x=1

LCD Display y=C

VF Display y=D

Programming tools:

Software Model ITE6D

CAN Adaptor (Parallel Port)

Cable

9 pole

We reserve the right to make technical alternations without prior notice