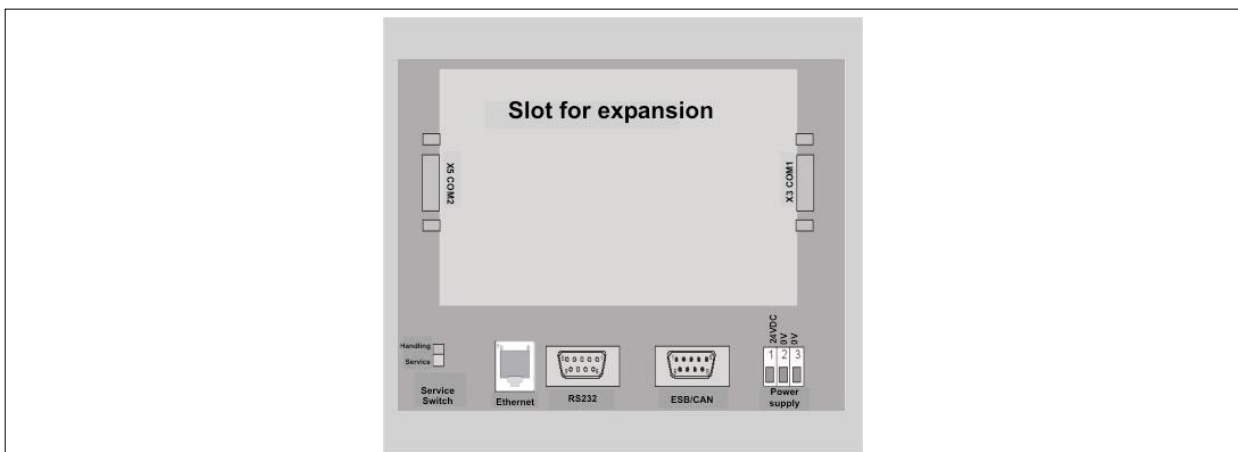# @ctiveIO

@D300T-Panel

- **5,0" LCD color TFT-Display 320x234 Pixel**
- **Touch operating**
- **Keypad with 18 buttons**
- **Onboard: RS, CAN and Ethernet**
- **Extendible to compact-control with COM-I/O moduls**
- **Memory extendible over CF-Cards**

Attributes

- **Display** .... Color-LCD/TFT 5,0"   320x234 Pixel

- **Memory** ....1,5MB RAM, 2MB Flash, 2 KB EEPROM

- **Memory-Card**... optional Compact Flash Card Typ 1 16MB... 512 MB

- **CPU** ....Infineon SAB C16x 16Bit/30MHz

- **Keypad**... Flex panel with 18 keys
(optional Touch-Screen)

- **Interfaces**... RS232, CAN, Ethernet

 Fieldbusinterface .... CANopen (Slave on board)
optional: ....CANopen-Master, Profibus-DP, Interbus, DeviceNet, AS-i-Interface,
....connect over COM slot

- **Battery** .... 1Ah, Service-life 2 year

-**optional**:...

PLC-Programming: ....IEC 61131/CoDeSys
.... (supported existing CANopen Interface)

Connectors

Electrical Data

Power supply external .... +24V DC (18….30V DC), reverse battery protection
Power consumption .... 15 – 20W (depends on added modules)

@D300T-Panel

Mechanical Data PCB

System ID ....Customised

Environmental Conditions

Electromagnetic compatibility (EMC) EN50081-2, EN50082-2
Operating temperature [°C] ....0° … 50°C
Sorage temperature [C] ....-10° … 60°C
Humidity (rel) ....90 % (non condensing)
Protection class*..IP 65 (DIN 40 050)

*The protection class is only valid if mounted in housing

System Information

Weight ....Approx. 1,950 kg
Dimension 175x128,7x60

Drawing
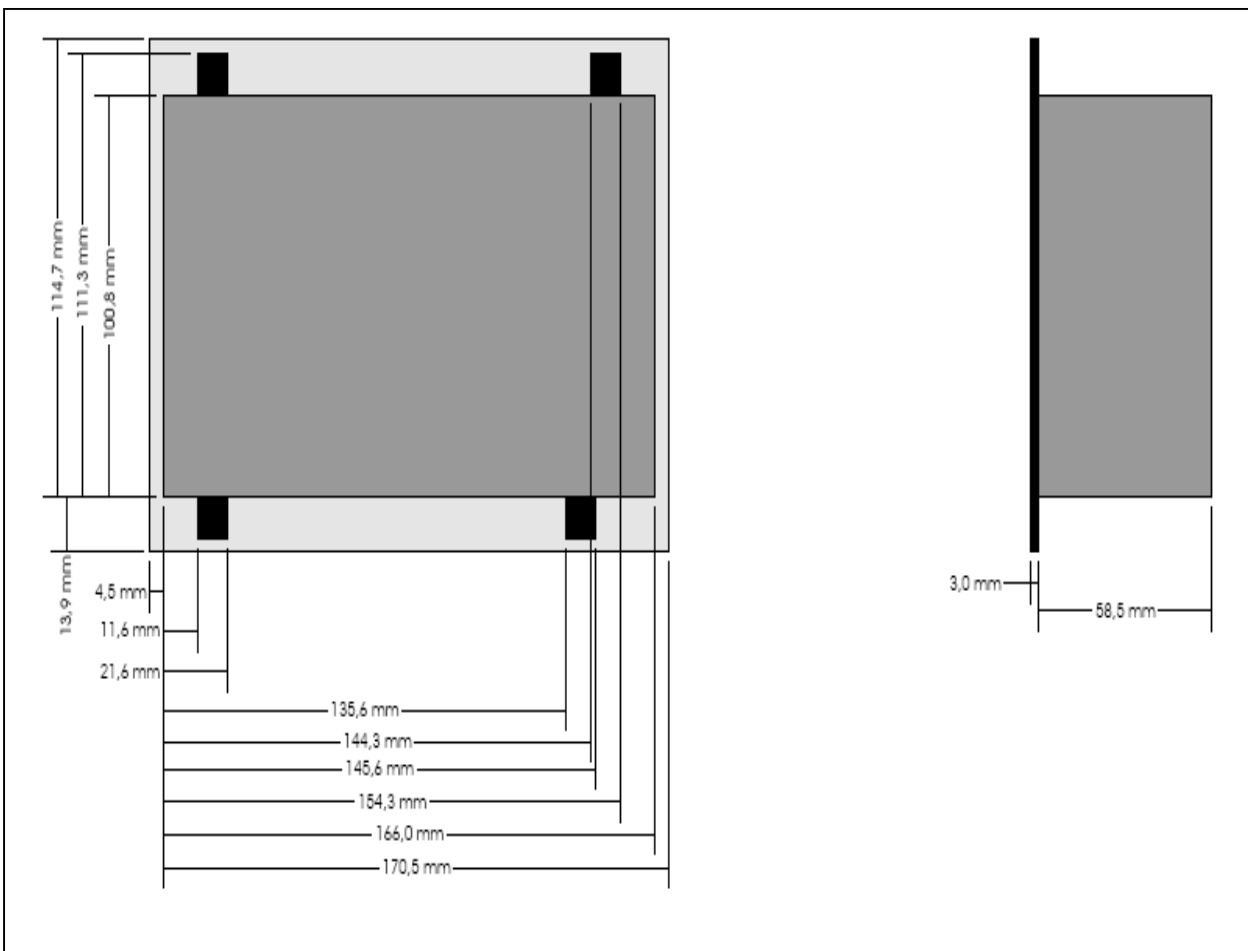
Possible applications for the monitoring and guidance of the control unit.
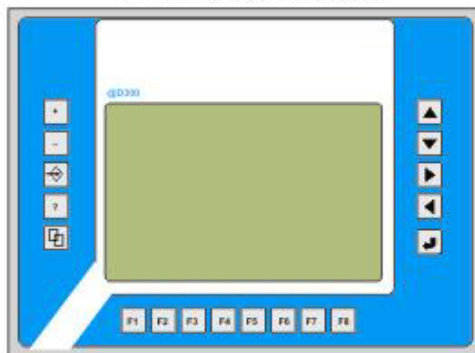
Example 1

Visualisation
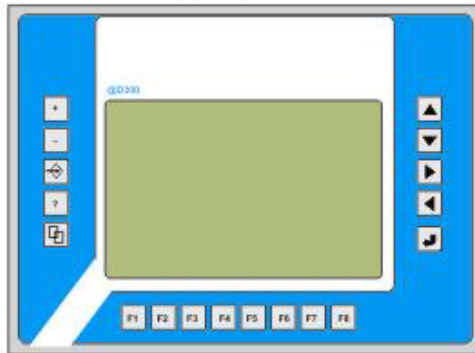
PLC/ Fieldbus knot

COMLINK RS232

@D300 T-Panel

@PLC-Cxxx

Example 2

PLC/ Visualisation

Fieldbus knot

Fieldbus
(Profibus-DP, CANopen, etc

@D300 T-Panel

@Cxxx

@D300TPanel-TRS-V-PB-GB-0000-01

@D300T-Panel

notes:

Application

The Panel **@D300** is special for the use in the areas: industry, craft etc. developed.

Variable configurations enable a system-spanning application.

Central control and regulation, that means, that with the integrated I/O Module the sensor signals can be evaluated and the actuator can be controled.
Decentralized system that means that the panel can be used as Master who controls different I/O-Moduls by fieldbus.
System with distributed intelligence enables the construction of a network in the most different topologies. So it is possible over Ethernet with one or several IT-building groups to communicate. In addition can be communicate with further building groups over CAN.

Function

Display

The Panel @D300 draws itself through an illuminated graphic arts capable TFT-display with 320 xs 234 points from. This enables a good and fast read of the represented values and graphic arts.

Software

EStudio
Softwaretool to programming-, development- and simulation of control tasks with an extensive project administration. PLC programming with IEC 61131/CoDeSys.

@D300TPanel-TRS-V-PB-GB-0000-01