

Dialog Controller DC1000 with Basic Interface

Standard interfaces and full computing power for price-sensitive applications

Basic Interface is the name of the introductory model to the family of Dialog Controllers. The PLC machine control with integrated display can access the same computing power as the other members of the family. Hence, the DC1000 Basic Interface is equipped with only the minimum of communication interfaces. This makes it particularly interesting for standard and price-sensitive applications.



Touch screen

The DC1000 Basic Interface is available exclusively as a touch screen in a clean design. This extends its field of use for applications where the front of the equipment needs to be cleaned as simply and as thoroughly as possible.

PLC programming

CoDeSys is the efficient programming environment for DC1000 Basic Interface Controllers. Programming, input/output configuration, communication and visualisation are combined in one single tool



Target visualisation

A very special highlight is the visualisation for the DC1000 integrated in CoDeSys. This directly accesses the variables of the PLC program and the pre-engineered visualisation elements such as trend graphics, alarm table and pointer instrument.

Web visualisation

The web visualisation of the application control can be called up via a PC with an Internet browser. It can be used for operating and monitoring machinery and equipment.

Service and remote maintenance

Web servers and optional FTP and e-mail functionality ensure that the control is globally accessible.

Communication

Ethernet, USB, RS232 and CAN interfaces form the basis for fast data exchange. This enables field bus input/output and host visualisation systems to be supplied with the right data.

Processor and memory

High-performance PowerPC CPU 400 MHz. With its 128/96 MB RAM and 32/24 MB Flash, it offers sufficient memory even for complex applications.

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Dialog controller	DC1005M T	DC1005T T	DC1005V T	DC1010T T
Part No.	270003000	270003100	270003200	270003300
Diagonal measurement	5,7"	5,7"	5,7"	10,4"
Resolution	320 x 240	320 x 240	640 x 480	640 x 480
Display colors	monochrom	256	65536	65536
Prozessor	266 MHz	266 MHz	400 MHz	400 MHz
Flash	16 MB	16 MB	32 MB	32 MB
RAM	64 MB	64 MB	128 MB	128 MB
Power supply				
Supply voltage	SELV DC + 24 (18 V ... 32 V)			
Interfaces				
Ethernet	1 x 10/100 Base T / RJ45			
USB	1 x USB Rev. 1.1 (on rear)			
CANbus	1 x standard CAN ISO 11898 Transmission rate: max 1 MBit/s Terminating resistor: switchable			
Serial port	1 x RS232 1 x RS485 Terminating resistor: switchable with the RS485			
Ebus	I/O expansion bus for up to 7 Ebus subscribers			